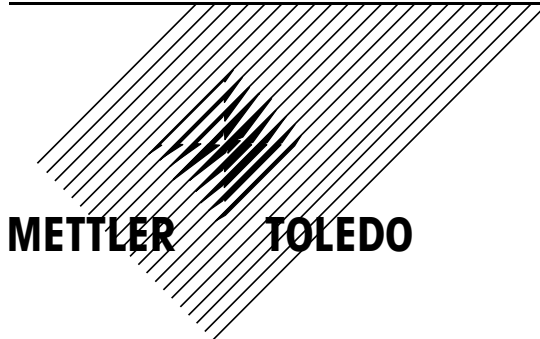

Industrial Price Information

Prices effective January 1, 2009

The logo consists of a large, stylized 'M' shape formed by numerous parallel diagonal lines. The word 'METTLER' is positioned to the left of the 'M' and 'TOLEDO' is positioned to the right of the 'M'.

METTLER TOLEDO

This manual contains Suggested List Prices for Canada.

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1. CONTRACT – All sales transactions are expressly subject to these terms and conditions. Modifications or additions will be recognized only if accepted in writing by an officer of Mettler-Toledo, Inc. ("Company"). Provisions of the original purchaser ("Buyer")'s purchase order or other documents that add to or differ from these terms and conditions are EXPRESSLY rejected. No waiver of these terms and conditions or acceptance of others will be construed as a failure of Company to raise objections.

2. QUOTATIONS AND PUBLISHED PRICES – Quotations/prices automatically expire 30 calendar days from the date issued unless otherwise stated in the quotation and are subject to withdrawal by notice within that period. Company reserves the right to extend quotations for up to 6 months from the date of issuance. Prices shown on the published price lists and other published literature issued by Company are not unconditional offers to sell and are subject to change without notice. Company's prices for equipment, unless otherwise specified, do not include an allowance for installation and/or final on-site adjustment. Prices are subject to adjustment to those in effect at time of shipment and may be adjusted to include any necessary surcharge(s). Pricing that differs from Company's published price lists is confidential to Company, and Buyer agrees to strictly maintain such confidentiality.

3. TAXES – Company's prices do not include any applicable sales, goods/services, use, excise or similar taxes, and the amount of any such tax which Company may be required to pay or collect will be added to each invoice and paid by Buyer unless Buyer has furnished Company with a valid tax exemption certificate acceptable to the taxing authorities prior to shipment. If an exemption certificate provided to Company by Buyer is, through no fault of Company, subsequently determined to be invalid, the previously unpaid sales, use, excise or similar tax will be billed to and paid by Buyer.

4. TERMS OF PAYMENT – Terms are cash net 30 days from date of shipment. Amounts past due are subject to a service charge equal to the greater of 1.5% per month (or fraction thereof) or the maximum contract rate permitted by law. If Company deems that by reason of the financial condition of Buyer or otherwise, the continuance, production or shipment on the terms specified is not justified, Company may require full or partial payment in advance. On orders of \$100,000 or more and having a delivery schedule of 6 months or longer from date of order, the standard terms will be progressive payments. Subject to the warranties expressly stated in 11 below, all sales are final without right of return.

5. DELIVERY – Delivery dates are approximate and are based on prompt receipt of all necessary information regarding the equipment to be delivered. Company will use reasonable efforts to meet the indicated delivery dates but will not be held responsible for its failure to do so. Title to the equipment and risk of loss shall pass to Buyer upon delivery to a carrier. In the event of any delay in delivery caused by Buyer, Company will store and handle all items at Buyer's risk and will invoice Buyer for the unpaid portion of the contract price, plus applicable storage, insurance, and handling charges. The invoice will be payable in full within 30 days from the invoice date. Company has the right to make partial shipments and bill for those shipments; Buyer will make payment in accordance with terms referenced in 4 above.

6. SHIPPING AND HANDLING CHARGES – Shipments are F.O.B. point of shipment. Unless Buyer elects a freight collect shipment, shipping charges plus the applicable Company handling charge will be prepaid and billed as a separate item on the equipment invoice.

7. CHANGES – Buyer may with the express written consent of Company make changes in the specifications for equipment or work covered hereunder. In such event, the price and delivery dates will be equitably adjusted. Company will be entitled to payment for reasonable profit plus costs and expenses incurred by it for work and materials rendered unnecessary as a result of such changes and for work and materials required to effect said changes.

8. CANCELLATION – Undelivered parts of any order may be canceled by Buyer only with the prior written approval of Company. If Buyer makes an assignment for the benefit of creditors, or in the event Company has reason to believe that Buyer is unwilling or unable to perform, Company will have the unconditional right to cancel this sales transaction or demand full or partial payment in advance pursuant to 4 above. In the event of any cancellation of this order by either party, Buyer will pay to Company the reasonable costs and expenses (including engineering expenses and all commitments to its suppliers and subcontractors) incurred by Company prior to receipt of notice of such cancellation, plus Company's usual rate of profit for similar work. The minimum cancellation charge will be 15% of the price hereunder.

9. SECURITY INTEREST – Buyer hereby grants to Company a purchase money security interest in the equipment, acknowledges the validity of and its own assent to such a grant, and agrees not to challenge the legitimacy of such a grant. Buyer will assist Company in taking all necessary actions to perfect and protect Company's security interest. In the event of a default by Buyer, Company will be entitled to any of the rights and remedies provided by law or in equity.

10. DEFAULT – Upon default and placing of Buyer's account for collection or repossession of equipment, Buyer agrees to reimburse collection costs, legal fees, and court costs incurred by Company in connection therewith.

11. WARRANTIES: COMPANY EXPRESSLY WARRANTS THE EQUIPMENT MANUFACTURED BY IT TO BUYER SOLELY AS SET FORTH HEREIN. COMPANY DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED (INCLUDING WITHOUT LIMITATION WARRANTIES AS TO MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE). THESE WARRANTIES MAY BE TRANSFERRED TO A SUBSEQUENT PURCHASER OF THE EQUIPMENT ONLY WITH THE PRIOR WRITTEN CONSENT OF COMPANY. IN ADDITION, THE FOLLOWING SHALL CONSTITUTE THE SOLE AND EXCLUSIVE REMEDIES OF BUYER FOR ANY BREACH BY COMPANY OF ITS WARRANTY HEREUNDER.

A. INDUSTRIAL & SYSTEMS PRODUCT

1. Company warrants that the equipment covered by this warranty will be free from defects in workmanship and materials for a period of 1 year from the date of original installation, or 18 months from the date of shipment to Buyer, whichever occurs first. Should any such defects be found and reported during the first 30 days after installation (if installation occurs during the warranty period), Company will, at its option, refund the purchase price or correct such defects, furnishing replacement parts, labor, and travel free of charge to Buyer. For the remainder of the warranty period, Company will furnish necessary replacement parts and on-site labor free of charge, provided Buyer agrees to pay reasonable travel time and expenses to and from a service location authorized by Company.
2. Company warrants equipment destined for export or sold for export to be free from defects in workmanship and material for a period of 1 year from date of installation or 18 months from date of shipment to Buyer, whichever occurs first. Should any such defect be found within that period, parts will be furnished free of charge (ex works) point of origin. If Buyer requests the performance of warranty work provided for under the foregoing warranty outside of the contiguous United States or Provinces of Canada, Buyer will be required to pay for labor, travel time, living, and travel expenses of any personnel required to perform such warranty work.

B. RETAIL PRODUCT – Company warrants that the equipment covered by this warranty will be free from defects in workmanship and materials for a period of one (1) year from date of original installation or eighteen (18) months from date of shipment to Buyer, whichever occurs first. Should any such defects be found and reported during the first 30 days after installation (if installation occurs during the warranty period), Company will, at its option, refund the purchase price or correct such defects, furnishing replacement parts, labor, and travel free of charge to Buyer. For the remainder of the warranty period, Company will correct such deficiencies, furnishing replacement parts, on-site labor and travel within a 50 mile radius of a service location authorized by Company. Beyond the 50 mile radius, Company will furnish such service provided Buyer agrees to pay all travel time and expenses to and from a service location authorized by Company.

C. SOFTWARE – Company warrants that software developed by Company will perform substantially the functions described in the software documentation when properly installed. The warranty period will be the same as the warranty period for the Company equipment within which the software is embedded. If the software is not embedded within Company equipment, and if Buyer promptly notifies Company and provides the description of the error and complete information about the manner of its discovery within ninety (90) days following the date of purchase by Buyer, Company will thereupon correct any defect or error (at its option): (a) by modifying or making available to Buyer instructions for modifying any erroneous program, or (b) by making available necessary corrected or replacement programs. Company does not warrant that software is error-free, that Buyer will be able to operate the software without

interruption, or that the software will be free of vulnerability to intrusion or attack. Buyer is granted a limited license to make copies of programs for use solely with the equipment for which such programs were acquired. Buyer agrees to keep Company's trade secrets confidential and to not disclose all or any part of such trade secrets to third parties for a period of five years after receipt. Buyer agrees to use those programs marked confidential solely with the original equipment for which they were acquired. This software warranty does not apply if the software is licensed for beta, evaluation, or field test use.

D. REPAIRED PRODUCTS WARRANTY – In the event equipment is repaired by Company, the performance of such repair work will not extend existing nor generate new warranty coverage for the equipment as a whole or for those parts not repaired or replaced by Company. Any warranty coverage that exists for those parts of the equipment actually repaired or replaced by Company will be stated in writing by Company at the time of the repair.

E. GENERAL – The foregoing warranties are further subject to the following general conditions: (1) If Buyer requests the performance of warranty work provided for under the foregoing warranties during other than normal Company work periods, Buyer will be required to pay for all premium time. (2) These warranties will not apply where Company's equipment and/or software has been subjected to: accident, alteration, misuse, abuse, failure on the part of Buyer to ensure proper storage, operation and/or maintenance, installation or servicing by other than Company authorized personnel, the addition or supply of equipment not approved for incorporation into Company's product, or Buyer supplied software or interfacing. (3) Company does not warrant the calibration of any scale. Company does however warrant the scales manufactured by it to be capable of being adjusted to meet Company's printed specifications, if any, for weighing accuracy as to the particular model/type scale for the period of warranty above stated when properly installed and used. (4) Products of other manufacturers sold by Company as such are warranted by Company solely to the extent of any remaining warranty provided by the original manufacturer.

12. INDEMNITY – Company agrees to indemnify Buyer and hold it harmless from and against any direct loss suffered and any direct liability to third parties whenever such loss or liability is directly due to bodily injury (including death) to any third party or direct damage to any third party property occurring in the course of, and caused exclusively by, any negligent act or omission by Company on the premises of Buyer that occurs in the performance of the work contemplated herein.

13. PATENT INFRINGEMENT – Company shall defend any suit or proceeding brought against Buyer so far as the same is based on a claim that any equipment of Company's design furnished hereunder, or any part thereof, constitutes an infringement of any United States or Canadian patent, if notified promptly in writing and given authority, information and assistance (at Company's expense) for the defense of the same and if such alleged infringement is not the result of a design or other special requirement specified by Buyer or the result of the application or the use to which such equipment is put by Buyer or others. Company will pay all damages and costs awarded in such suit or proceeding against Buyer provided that Company has the sole and exclusive right to defend, settle or compromise any suit or proceedings and Buyer takes no action that would materially detract from Company's ability to conduct an effective defense, settlement or compromise. In case such equipment or part in such suit held to infringe any such patent and the use thereof is enjoined, Company will at its expense either, at its option; (a) obtain for Buyer the right to continue using such equipment or part or; (b) replace the same with non infringing equipment, or; (c) modify the same so that it becomes non infringing or; (d) remove said equipment and refund the purchase price and the transportation and installation costs thereof. The foregoing states the entire liability of Company to Buyer for patent infringement.

14. REGULATORY LAWS AND OR STANDARDS – The performance of the parties hereto is subject to the applicable laws of the United States or Canada, depending on the location of delivery of the product or service. Company takes reasonable steps to keep its products in conformity with various nationally recognized standards and such regulations, which may affect its products. However, Company recognizes that its products are utilized in many regulated applications and that from time to time standards and regulations are in conflict with each other. Company makes no promise or representation that its product will conform to any federal, provincial, state or local laws, ordinances, regulations, codes or standards except as particularly specified and agreed upon in writing by authorized officers of Buyer and Company. Company prices do not include the cost of any related inspections or permits or inspection fees.

15. INTELLECTUAL PROPERTY – The sale and delivery of Company's equipment and/or software to Buyer will in no way transfer to Buyer any right of ownership in any patents, copyrights, trademarks, technologies, designs, specifications, drawings, or other intellectual property incorporated into the equipment and/or software.

16. DISCLAIMER OF DAMAGES – IN NO EVENT WILL COMPANY BE LIABLE TO BUYER OR ANY OTHER PARTY FOR ANY TYPE OF SPECIAL, CONSEQUENTIAL, INDIRECT, INCIDENTAL, EXEMPLARY OR PUNITIVE DAMAGES, WHETHER SUCH DAMAGES ARISE OUT OF OR ARE A RESULT OF BREACH OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE. Such damages shall include but not be limited to loss of profits or revenues, loss of use of the equipment or associated equipment, cost of substitute equipment, facilities, down time costs, increased construction costs or claims of Buyer's customers or contractors for such damages. Buyer will not transfer, assign or lease the equipment sold hereunder to any third party without first securing from such third party the protection afforded to Company herein.

17. LIMITATION OF LIABILITY – Company will not be liable for any loss, claim, expense or damage caused by, contributed to or arising out of the acts or omissions of Buyer or third parties, whether negligent or otherwise. In no event will Company's liability for any cause of action whatsoever exceed the revenue received during the preceding twelve (12) months, whether based in contract, warranty, indemnity, or tort (including negligence). Any suit arising against Company hereunder must be commenced within one (1) year from the date on which the cause of action accrues.

18. NO RESPONSIBILITY FOR GRATUITOUS INFORMATION OR ASSISTANCE – Company will not be liable for any information, assistance or advice that, though not required to be provided to Buyer hereunder, is nevertheless provided to Buyer by employees and/or agents of Company while performing Company's obligations hereunder.

19. INTERPRETATION – Should any term or provision contained herein contravene or be invalid under applicable law, these terms and conditions shall not fail by reason thereof but will be construed in the same manner as if such term or provision had not appeared herein.

20. RETURNS – Items returned for customer convenience (and not for product or part failure or warranty issues) will be subject to a 15% restocking fee, minimum \$200. METTLER TOLEDO must be contacted for a Return Authorization Number (RAN) within 21 days of shipment (for a customer) or 30 days of shipment (for a dealer / distributor) from METTLER TOLEDO to be eligible for return credit. Customers must return items within 10 days of receiving a RAN. Item must be in new and unused condition, packed in original packaging and container, and include all manuals, peripherals and accessories.

WARRANTY POLICY

- 1. Mettler-Toledo, Inc. warrants Economy products it manufactures against defects in materials and workmanship for one (1) year from the date of shipment from Mettler-Toledo, Inc. in normal use and service.**
 - i. If any products fail to conform to this warranty within the first ninety (90) days of the warranty period, Mettler-Toledo, Inc. will, at its option, repair or replace such goods returned.
 - ii. If any products fail to conform to this warranty for the remainder of the warranty period, Mettler-Toledo, Inc. shall furnish necessary replacement parts free of charge.
- 2. Mettler-Toledo, Inc. warrants Economy service parts against defects in materials and workmanship for ninety (90) days from the date of shipment from Mettler-Toledo, Inc. in normal use and service.**
 - i. If any service parts fail to conform to this warranty, Mettler-Toledo, Inc. shall furnish necessary replacement parts free of charge.
- 3. These warranties are subject to the following conditions:**
 - i. Upon discovery of such non-conformity, Mettler-Toledo, Inc. will be given prompt written notice with a detailed explanation of the alleged deficiencies.
 - ii. The product or part must be properly installed, operated and maintained in accordance with Mettler-Toledo, Inc. specifications.
 - iii. The product or part must not be operated above rated load capacity or subject to accident, alteration, misuse, or abuse.
 - iv. The product must not have been repaired or serviced by anyone other than Mettler-Toledo, Inc. or one of its authorized dealers.
- 4. Mettler-Toledo, Inc. shall have a reasonable time to repair or replace the effective product. The buyer is responsible for shipping the product to Mettler-Toledo, Inc. Mettler-Toledo, Inc. is responsible for shipping the product to the buyer.**

PRODUCT AND PARTS RETURN POLICY

- 1. Non-functioning or incorrectly shipped Items may be returned within twenty-one (21) days from the date of shipment from Mettler-Toledo, Inc.**

Dealers may be billed for a replacement product but will be provided credit once Mettler-Toledo, Inc. receives, inspects, and verifies the return.

Once the Mettler-Toledo, Inc. Returns Department approves the returned item, the Dealer will be entitled to full credit or replacement equipment if the return was a result of item failure or an incorrect shipment.
- 2. For items requested to be returned for reasons other than product failure or incorrect shipment, Dealers will receive full credit, less a 15% re-stocking fee (minimum re-stocking fee: \$200). The Dealer will not be credited for return-freight charges and will be responsible themselves for these charges.**
- 3. No returns will be accepted without prior return authorization from Mettler-Toledo, Inc.**



WM124-L22

Weighing Modules

High Precision WM

APPLIED

Standard Features

- Fast - split-second weighing, 38 updates per second
- Rugged – built for harsh environments
- Precise - up to 0.1 mg resolution
- Direct – simple data connection to every process control
- Built-in overload protection, stainless steel housing
- Equipped for below-the-balance weighing
- Dry (IP54-in-use) and washdown configurations (IP66)

Customer Benefits

- Increased productivity
- Shorter cycle times
- Developed for harsh environments
- Milligram weighing in industrial environment
- Reliable quality control
- Simple implementation
- Professional consultancy

Ordering Information**WM Weighing Modules for Industrial Environments**

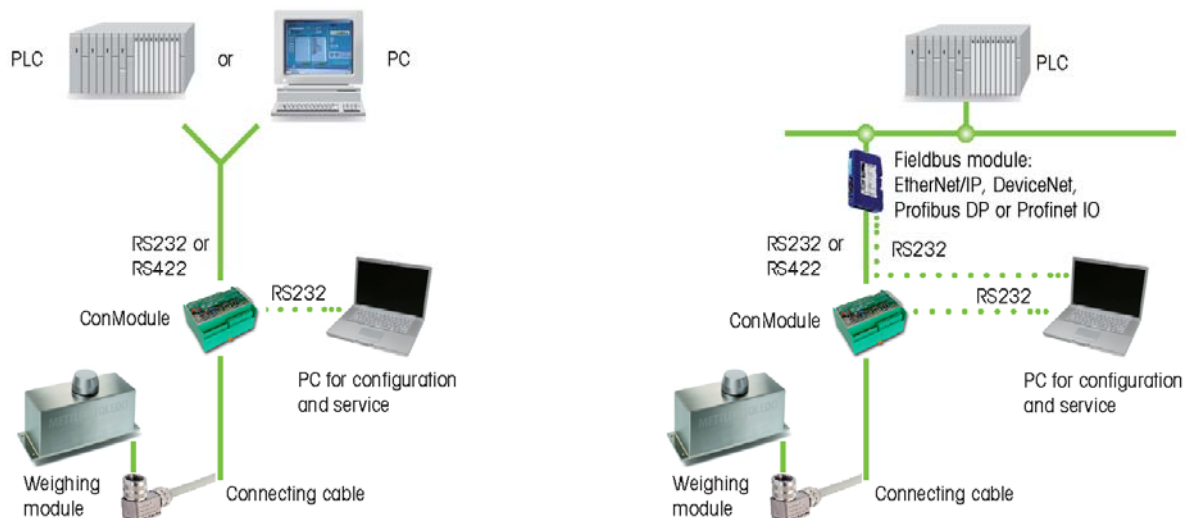
Order Number	Construction	Readability	Capacity	Module Dimensions (mm)	Load Plate Dimensions	Interface	Shipping Weight (lb)	Suggested List Price (CDN\$)
 WM124-L22	IP54 In-use	0.1 mg	121 g	240L x 85W x 126H	45 mm dia.	RS232/RS422	9.3 lb	\$6,924
 WM123-L22		1 mg	510 g		55 mm dia.		9.3 lb	\$5,231
 WM503-L22			3100 g		80 x 80 mm		9.3 lb	\$6,079
 WM3002-L22		10 mg	6100 g				10.3 lb	\$4,756
 WM6002-L22							10.3 lb	\$5,231

WM Weighing Modules for Washdown Environments

Order Number	Construction	Readability	Capacity	Module Dimensions (mm)	Load Plate Dimensions	Interface	Shipping Weight (lb)	Suggested List Price (CDN\$)
 WM124-W22	IP66 Washdown	0.1 mg	121 g	240L x 85W x 126H	45 mm dia.	RS232/RS422	9.3 lb	\$7,617
 WM123-W22		1 mg	510 g		80 x 80 mm		9.3 lb	\$5,925
 WM503-W22			3100 g				9.3 lb	\$6,771
 WM3002-W22		10 mg	6100 g				10.3 lb	\$5,447
 WM6002-W22					10.3 lb		\$5,925	

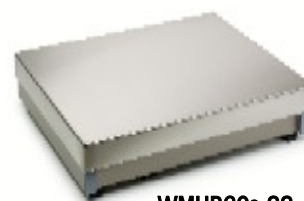
Built to order product. Lead time is 4-6 weeks**WM/WMH Connectivity examples**

Connectivity components listed on APW-3



Weighing Platforms

High Precision WMH



WMHB60s-22

APPLIED

Standard Features WMH

- Fast - typical stabilization times below 500 milliseconds, 38 updates per second
- Rugged – overload protection built into platform
- Precise - up to 0.1g resolution
- Direct – simple data connection – without terminal
- Mechanically identical to respective K-Line models
- Control mode with auxiliary numerical increment

Customer benefits

- Shorter cycle times
- Faster filling process
- Optimum use of materials
- High process reliability
- Flexible connectivity
- Fast on-site service

Ordering Information

WMH OEM Weighing Modules

Order Number	Readability	Capacity	Dimensions (mm)			Shipping Weight (lb)	Suggested List Price (CDN\$)
			L	W	H		
WMH15s-22	0.1 g	15 kg	180	252	87		\$3,451
WMH32s-22		32 kg					\$3,511

WMH Weighing Platforms

							Shipping Weight (lb)	Suggested List Price (CDN\$)		
Order Number	Readability	Capacity	Dimensions (mm)			Comparable K-Line product				
			L	W	H					
WMHA15s-22	0.1 g	15 kg	350	280	117	KA15s	29 lb	\$3,788		
WMHA32s-22		32 kg				KA32s	29 lb	\$5,196		
WMHB60-22	1 g	60 kg	500	400	123	KB60.2	77 lb	\$4,194		
WMHB60s-22						KB60s.2	77 lb	\$6,157		
WMHCC150-22		150 kg	800	600	130	KCC150	160 lb	\$5,450		
WMHCC150s-22						KCC150s	160 lb	\$7,521		
WMHCC300-22	2 g	300 kg				800	600	KCC300	160 lb	\$5,997
WMHCC300s-22								KCC300s	160 lb	\$8,120
WMHC300-22			1000	800	115			KC300	160 lb	\$7,167
WMHC300s-22								KC300s	160 lb	\$9,546
WMHCS300-22			800					KCS300	160 lb	\$6,815
WMHCS300s-22								KCS300s	160 lb	\$9,347
WMHC600-22	10 g	600 kg	1000			KC600	251 lb	\$7,633		
WMHC600s-22						KC600s	251 lb	\$10,037		
WMHCS600-22			800			KCS600	251 lb	\$7,181		
WMHCS600s-22						KCS600s	251 lb	\$9,643		
WMHD600-22	20 g	1500 kg	1250	1000	180	KD600	500 lb	\$10,415		
WMHD1500-22						KD1500	595 lb	\$9,883		
WMHE1500-22			1500	1250	128	KE1500	595 lb	\$11,641		
WMHES1500-22						KES1500	595 lb	\$12,885		
WMHE3000-22	50 g	3000 kg	1500	1500	197	KES3000	656 lb	\$12,265		
WMHES3000-22						KES3000	656 lb	\$13,463		

Built to order product. Lead time is 4-6 weeks

Additional accessories are located in K-Line sections

Order cable and connection module separately (see APW-3)

Automated Precision Weighing Accessories for WM and WMH

Ordering Information

Cables (Connect WM to ConModule or ConBox)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
 11138862	WM-Cable 90M/5 - 5 m cable, 19-pin 90° connector (not for WMH)		\$168
 11138863	WM-Cable 90M/10 - 10 m cable, 19-pin 90° connector (not for WMH)		\$252
 11138864	WM-Cable 90H/10 - 10 m cable 19-pin 90° connector (for all WM/WMH except WMHA and WMHB)		\$252
 11138865	WM-Cable 90B/10 - 10 m cable 19-pin 90° connector (for WMHB only)		\$252
 11138860	WM-Cable 180M/5 - 5 m cable 19-pin straight connector (for all WM/WMH except WMHB/WMHCC/WMHD/WMHE1500/WMHES1500)		\$168
 11138861	WM-Cable 180M/10 - 10 m cable 19-pin straight connector (for all WM/WMH except WMHB/WMHCC/WMHD/WMHE1500/WMHES1500)		\$252

Connection Devices

 42102811	WM ConModule - DIN-rail mountable connection module. Connects to weighing module, RS232, RS422, digital in- / outputs and power supply. Provides surge and short-circuit protection, galvanic isolation of the digital in- and outputs and standard Sub-D9 plug allowing convenient access to RS232 interface for service purposes.		\$423
 42102800	WM ConBox - Same interfaces as WM ConModule in housing with IP66 protection. No surge and short-circuit protection, no galvanic isolation of the digital in- and outputs.		\$578

Communication Bridges

 42102809	Profibus DP Module		\$867
 42102810	DeviceNet Module		\$867
 42102859	Profinet IO Module		\$1,320
 42102860	Ethernet/IP Module		\$1,320
 11120001	Ethernet TCP/IP Module (e-Link Module)		\$1,042

WM Weighing Module General Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
 42102806	Weighing pan 60x60 mm - optional for WM124, WM123, WM503		\$381
 42102807	Leveling bubble for WM		\$68
 42102808	Base sealing set for sealing baseplate vs. mounting surface (washdown only)		\$55

 **Built to order product. Lead time is 4-6 weeks**
Additional accessories are located in K-Line sections
10-28 VDC Power Supply required for WM or WMH



Angled and straight cables



ConBox



Communication Bridge



ConModule



Weighing pan 60x60 mm - optional for WM124, WM123, WM503

Weighing Modules

High Precision WM-Ex for Hazardous Areas

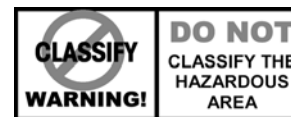


WM124x-Lcl

CONSULTATIVE

Approvals

- FM approval for: Class I, Division I, Groups A, B, C, D
- CSA: Intrinsically safe Exi, Class I, GP A, B, C, D, Ex ib IIC T4
- Protection type according to ATEX 95: II 2 G Eex ib IIC T4



Standard Features

- Compliant with ATEX zone 1 and FM class I, division 1
- Fast - split-second weighing, 19 updates per second via PSU
- Rugged – built for harsh environments
- Precise - up to 0.1mg resolution
- Direct – simple data connection to every process control
- Built-in overload protection, stainless steel housing
- Dry (IP54-in-use) and washdown configurations (IP66)

Customer Benefits

- Increased productivity
- Shorter cycle times
- Developed for harsh environments
- Milligram weighing in industrial environment
- Reliable quality control
- Simple implementation
- Professional consultancy

Ordering Information

WM-Ex Weighing Modules for Hazardous Environments

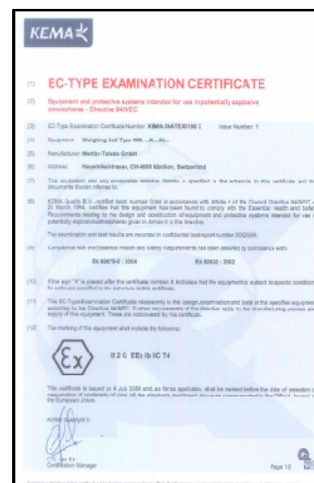
Order Number	Construction	Readability	Capacity	Module Dimensions (mm)	Load Plate Dimensions	Interface	Shipping Weight (lb)	Suggested List Price (CDN\$)
WM124x-Lcl	IP54 In-use	0.1 mg	121 g	240L x 85W x 126H	60 x 60 mm	20mA CI	13.8 lb	\$8,601
WM123x-Lcl		1 mg	510 g		80 x 80 mm		13.8 lb	\$6,938
WM503x-Lcl							13.8 lb	\$7,771
WM3002x-Lcl		10 mg	3100 g				14.8 lb	\$6,471
WM6002x-Lcl			6100 g		14.8 lb		\$6,938	

WM-Ex Weighing Modules for Washdown Hazardous Environments

Order Number	Construction	Readability	Capacity	Module Dimensions (mm)	Load Plate Dimensions	Interface	Shipping Weight (lb)	Suggested List Price (CDN\$)
WM124x-Wcl	IP66 Washdown	0.1 mg	121 g	240L x 85W x 126H	60 x 60 mm	20mA Cl	13.8 lb	\$9,282
WM123x-Wcl		1 mg					510 g	13.8 lb
WM503x-Wcl			13.8 lb					\$8,452
WM3002x-Wcl		10 mg	3100 g		80 x 80 mm		14.8 lb	\$7,150
WM6002x-Wcl			6100 g				14.8 lb	\$7,619

Built to order product. Lead time is 4-6 weeks

APW Weigh Module Comparison Table	
WM	WM-Ex (with PSU power supply)
• Safe area operation only • Maximum 38 updates per second • Below balance weighing • Digital I/O capable • Round or square pan available	• Hazardous area compliant • Maximum 19 updates per second • No below balance weighing • Digital I/O not permitted • Permanent mounted square pan only





WMHB60sx-cl



Weighing Platforms

High Precision WMH-Ex for Hazardous Areas

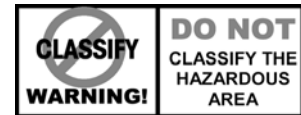
CONSULTATIVE

Approvals

- FM approval for: Class I, II, III, Division 1, Groups A, B, C, D, E, F, G
- Protection type according ATEX 95: II 2 G EEx ib IIC T4; II 2 D IP 66/67 T 55 °C

Standard Features WMH-Ex

- Designed for integration in automated processes
- Same outstanding weighing performance as WMH platforms
- 19 updates per second
- PSU/Brick-Ex/RS as power supply

**Ordering Information****WMH OEM Weighing Modules**

Order Number	Readability	Capacity	Dimensions (mm)			Shipping Weight (lb)	Suggested List Price (CDN\$)
			L	W	H		
WMH15sx-cl	0.1 g	15 kg	180	252	87		\$3,355
WMH32sx-cl		32 kg					\$3,509

WMH Weighing Platforms

Order Number	Readability	Capacity	Dimensions (mm)			Comparable K-Line product	Shipping Weight (lb)	Suggested List Price (CDN\$)
			L	W	H			
WMHA15sx-cl	0.1 g	15 kg	350	280	117	KA15sx	29 lb	\$5,065
WMHA32sx-cl		32 kg	350	280	117	KA32sx	29 lb	\$5,758
WMHB60x-cl	1 g	60 kg	500	400	123	KB60.2x	77 lb	\$5,351
WMHB60sx-cl						KB60sx.2x	77 lb	\$7,277
WMHCC150x-cl		150 kg	800	600	130	KCC150x	160 lb	\$6,350
WMHCC150sx-cl						KCC150sx	160 lb	\$8,244
WMHCC300x-cl	2 g	300 kg	800	600	115	KCC300	160 lb	\$6,584
WMHCC300sx-cl						KCC300sx	160 lb	\$8,418
WMHC300x-cl						KC300x	160 lb	\$7,211
WMHC300sx-cl						KC300sx	160 lb	\$9,584
WMHCS300x-cl	10 g	600 kg	800	800	115	KCsx300x	160 lb	\$7,410
WMHCS300sx-cl						KCsx300sx	160 lb	\$9,348
WMHC600x-cl			1000			KC600x	251 lb	\$7,788
WMHC600sx-cl			1000			KC600sx	251 lb	\$10,127
WMHCS600x-cl	50 g	3000 kg	800	1500	197	KCsx600x	251 lb	\$8,354
WMHCS600sx-cl						KCsx600sx	251 lb	\$10,487
WMHD600x-cl			1250			KD600x	500 lb	\$9,640
WMHD1500x-cl			1250			KD1500x	595 lb	\$9,889
WMHE1500x-cl	20 g	1500 kg	1500	1250	128	KE1500x	595 lb	\$11,692
WMHES1500x-cl						KEsx1500x	595 lb	\$12,962
WMHE3000x-cl	50 g	3000 kg	1500	1500	197	KEsx3000x	656 lb	\$13,847
WMHES3000x-cl						KEsx3000x	656 lb	\$14,789

Built to order product. Lead time is 4-6 weeks

Additional accessories are located in K-Line sections

Order PSU/Brick-Ex/RS separately (see Hazardous Area section)

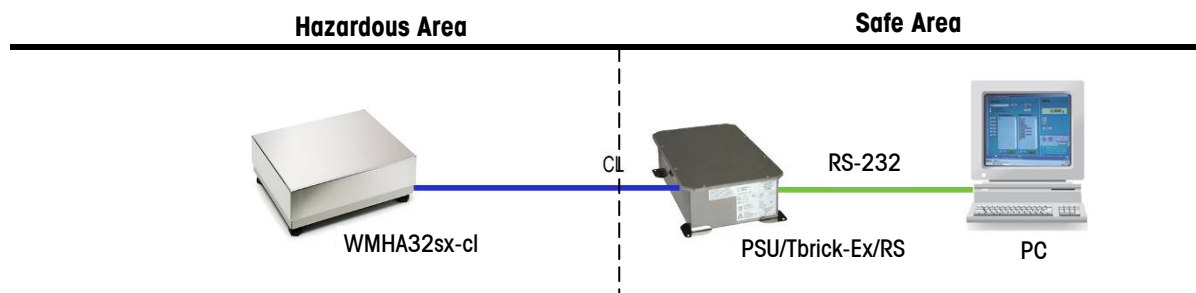
WM-Ex / WMH-Ex and PSU[®]

High Precision Hazardous Area Application Examples



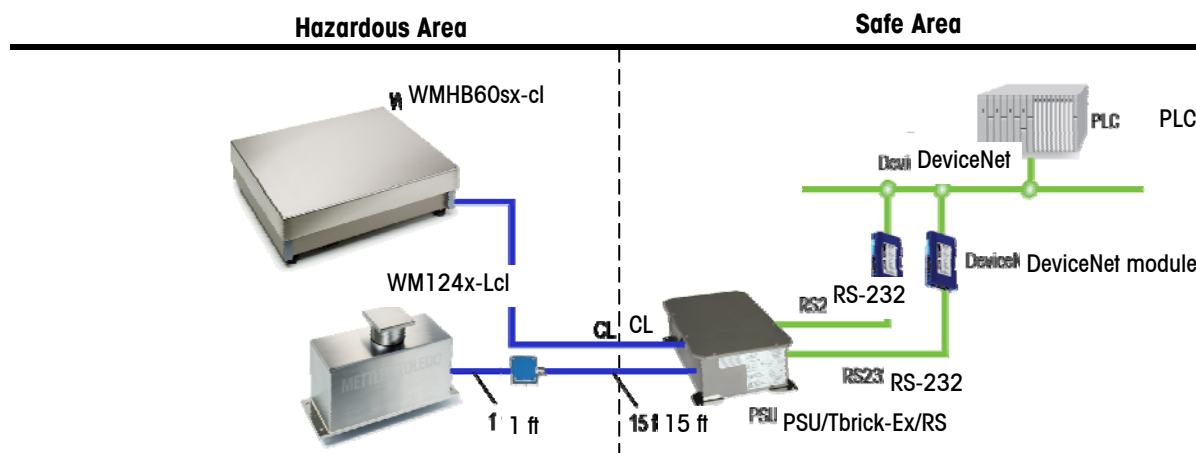
CONSULTATIVE

Single WMH device with direct connection to PC



Example Item #	Description
WMHA32sx-cl	WMH-Ex line intrinsically safe weighing platform, 32 kg, 350x280x117 mm
PSU5000000	PSU Safe Area Power Supply with TBrick-Ex Scale card, RS232 interface card
22006795	RS232 cable PSU to DE-9M, 10 ft/3 m*

Two weigh modules with direct connection to DeviceNet

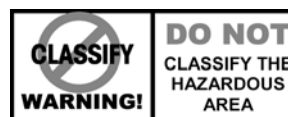


Example Item #	Description
WM124x-Lcl	WM-Ex line intrinsically safe weigh module
WMHB60sx-cl	WMH-Ex line intrinsically safe weighing platform
PSU5500000	PSU Safe Area Power Supply with 2 TBrick-Ex Scale cards, 2 RS232 interface cards
22006795	RS232 cable PSU to DE-9M, 10 ft/3 m (2 required)*
42102810	DeviceNet Module (2 required)

Remarks:

Up to 3 weigh modules may be connected to a single PSU
Maximum blue cable run 328 ft (100 m)

* Null modem adapter required (provided by others)





Fill-560

Weighing Terminal for Filling

APPLIED

Approvals:

- NTEP Class III 10,000d, Class II 100,000d COC #05-010, Measurement Canada Appr. Class II 100,000d; Class III 10,000d #AM-5593

Standard Features:

- IP65 Panel-mount or a IP69k Desk Harsh Environment model (optional pair of wall mounting brackets 71209353 available)
- Supports eight 350ohm load cells or an IDNet base
- 1, 2, 3, or 4 material blend or fill sequence
- Weigh-in and/or weigh-out interlocks
- Memory tables for 25 targets and 25 tare values
- TraxDSP™ digital filtering and TraxEMT™ maintenance features
- Optional internal or external digital I/O using latched or unlatched outputs

IND560 Model Configuration

Terminal Type	Enclosure Type	Scale Type	Reserved	Ethernet/Serial	Discrete I/O	PLC Interface	Application Software	Module	Power Option	Market
56	P,H	1,4	000	0,A	0,B	0,A,B,D,E,P,R	0,F	0,2	0,A-H	00
		5 6 H	1	0 0 0	A B	A 0	0 A	0 0		

Ordering Information**IND560 Enclosure and Scale Type (select one)**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
56P1	Panel Mount Enclosure with Analog Scale Interface		\$1,100
56H1	Harsh/Desk Enclosure with Analog Scale Interface		\$1,157
56P4	Panel Mount Enclosure with IDNet Scale Interface		\$1,333
56H4	Harsh/Desk Enclosure with IDNet Scale Interface		\$1,389

IND560 Interface Ports

1	1 - Serial port	\$0
2	3 - Serial ports, 1 - Ethernet port	\$220

IND560 Discrete I/O

0	None	\$0
B	Local discrete I/O (4 input, 6 output relays)	\$220

IND560 PLC Interface

0	No output option	\$0
A	Analog output (4-20 mA or 0-10 V)	\$550
B	ALLEN-BRADLEY™ RIO interface	\$550
D	DeviceNet	\$550
E	Ethernet/IP	\$715
P	PROFIBUS® DP interface for panel mount enclosures	\$550
R	PROFIBUS® DP interface for harsh desk enclosures	\$550

IND560 Application Software

0	Basic functionality	\$0
F	Fill-560 filling and blending	\$385

IND560 Module

0	No module	\$0
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IND560 Power Option

0	No power cord (panel)	\$0
A	120 VAC, North American (harsh/desk)	\$0

IND560 Market

00	English	\$0
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IND560 Application Software

64055811	Fill-560 filling and blending hardware key	\$385
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Fill-690

Weighing Terminal for Filling



IND690 Desk/Wall & Panel

APPLIED

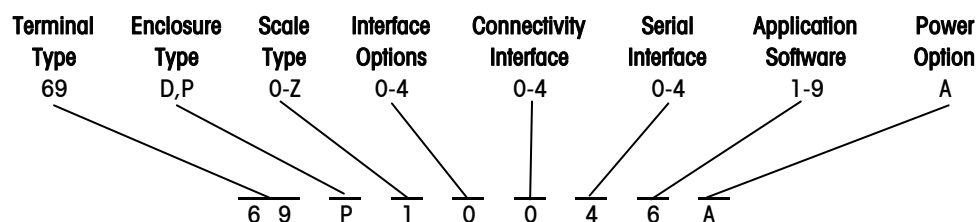
Approvals:

- NTEP Class III, 10,000d, Class II 100,000d COC #06-051
- Measurement Canada Approval: Class II, 100,000d, Class III / IIHD 10,000; #AM-5641

Fill-690 Features:

- IP69k Desk/Wall or Panel enclosure
- Up to 4 scales - analog (4-350Ω), IDNET or SICS
- Control coarse & fine feed of liquid, pasty & pourable materials
- Learn Mode: Automatic determination of dispensing parameters
- Redispensing Correction: Optimization of the fine feed target
- Automatic or manual redispensing
- Differentiation between below and above-level dispensing
- 999 Targets for stored materials
- Recall Targets with barcode reader or keypad entry
- Item counter up to 9999
- Automatic tare capability at start of dispensing
- Totalizing capabilities

IND690 Model Configuration



Ordering Information **Maximum of 8 selectable Slots per IND690**

IND690 Enclosure Type (select one)

Order Number	Description	Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
69D	Desk	-		\$1,786
69P	Panel	-		\$1,729

IND690 Scale Option Code (select one)

Z	None	None	None	0	\$0
C	1-Analog Scale	None	None	1	\$440
D	2-Analog Scales	None	None	2	\$880
E	3-Analog Scales	None	None	3	\$1,320
7	4-Analog Scales	None	None	4	\$1,760
0	None	1-IDNet Scale	None	1	\$440
1	1-Analog Scale	1-IDNet Scale	None	2	\$880
2	2-Analog Scales	1-IDNet Scale	None	3	\$1,320
3	3-Analog Scales	1-IDNet Scale	None	4	\$1,760
4	None	2-IDNet Scales	None	2	\$880
K	1-Analog Scale	2-IDNet Scales	None	3	\$1,320
S	1-Analog Scale	3-IDNet Scales	None	4	\$1,760
P	None	2-IDNet Scales	1-SICS Scale	3	\$1,320
5	None	3-IDNet Scales	None	3	\$1,320
6	None	4-IDNet Scales	None	4	\$1,760
F	None	None	1-SICS Scale	1	\$440

Fill-690

IND690 Scale Option Code - continued (select one)

Order Number	Description		Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
N	1-Analog Scale	None	1-SICS Scale	2	\$880
8	None	1-IDNet Scale	1-SICS Scale	2	\$880
G	None	None	2-SICS Scales	2	\$880
A	None	1-IDNet Scale	2-SICS Scales	3	\$1,320
9	1-Analog Scale	1-IDNet Scale	2-SICS Scales	4	\$1,760
H	None	None	3-SICS Scales	3	\$1,320
M	1-Analog Scale	None	3-SICS Scales	4	\$1,760
B	None	1-IDNet Scale	3-SICS Scales	4	\$1,760
J	None	None	4-SICS Scales	4	\$1,760

IND690 Interface Option (select one)

0	None	0	\$0
1	4 I/O	1	\$220
2	Analog Out	1	\$550
3	Profibus DP	2	\$704
4	Profibus DP plus 4 I/O	3	\$924

IND690 Connectivity Interface (select one)

0	None	0	\$0
1	USB	1	\$220
2	Bluetooth	1	\$660
3	Wireless LAN	1	\$743
4	Ethernet	1	\$710

IND690 Serial Interface (select one)

0	1- RS232	1	\$0
1	2- RS232	2	\$220
4	3- RS232	3	\$440
5	4- RS232	4	\$660
2	1- RS485/422, 1- RS232	2	\$220
3	CL20mA, 1- RS232	2	\$220
6	CL20mA, 2- RS232	3	\$440

IND690 Application (select one)

1	Base-690	Stored tare, target, template memories	-	\$132
2	Count-690	Piece counting and piece filling; APW memory; Refill correction	-	\$330
3	Form-690	Manual formulation up to 15 materials; no stored formulas	-	\$385
4	Com-690	Provides remote control of IND690 from a PC; use with	-	\$440
5	Sum-690	Totalize the usage of individual or all materials processed	-	\$330
6	Fill-690	Auto control filling sequences : fill, lance fill, bung hole fill	-	\$605
7	Control-690	Auto or manual control basic weighing, checkweighing,	-	\$660
8	Batch-690 **	Auto or manual control of batching sequences : fill, batch, dose	-	\$715
9	FormXP-690	Manual formulation; Stored formulas, inventory control, software	-	\$1,045

** Order RS485 Interface Module, (2) 8 I/O Relay Modules 22011968, (1) Power Supply 2200371

IND690 Power Option (select one)

A	USA	-	\$0
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IND690 Documentation

22012813	IND690 Service Manual (English)	-	\$8.25
22012803	IND690 Installation Manual (English)	-	\$11.55
22012836	Fill-690 Users Guide (English)	-	\$8.25

Refer to the Instrumentation section for a complete offering of IND690 accessories.

Batch-690

Weighing Terminal for Batching



Produced in a
facility that is



IND690 Desk/Wall & Panel

APPLIED

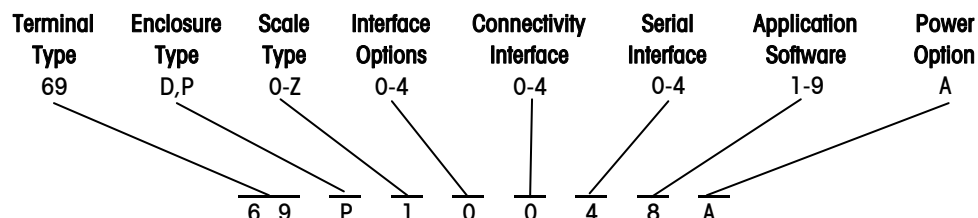
Approvals:

- NTEP Class III, 10,000d, Class II 100,000d COC #06-051
- Measurement Canada Approval: Class II, 100,000d, Class III / IIHD 10,000; #AM-5641

Batch-690 Features:

- IP69k Desk/Wall or Panel enclosure
- Up to 4 scales - analog (4-350Ω), IDNET or SICS
- Control coarse & fine feed of liquid, pasty & pourable materials
- Learn Mode: Automatic determination of dispensing parameters
- Redispensing Correction: Optimization of the fine feed target
- Automatic tare capability at start of dispensing process for 1st material
- 50 Formulas with a max of 32 materials each
- 999 Stored materials
- Item counter up to 9999
- Totalizing capabilities
- Automatic or Manual Redispensing

IND690 Model Configuration



Ordering Information **Maximum of 8 selectable Slots per IND690**

IND690 Enclosure Type (select one)

Order Number	Description	Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
69D	Desk	-		\$1,786
69P	Panel	-		\$1,729

IND690 Scale Option Code (select one)

Z	None	None	None	0	\$0
C	1-Analog Scale	None	None	1	\$440
D	2-Analog Scales	None	None	2	\$880
E	3-Analog Scales	None	None	3	\$1,320
7	4-Analog Scales	None	None	4	\$1,760
0	None	1-IDNet Scale	None	1	\$440
1	1-Analog Scale	1-IDNet Scale	None	2	\$880
2	2-Analog Scales	1-IDNet Scale	None	3	\$1,320
3	3-Analog Scales	1-IDNet Scale	None	4	\$1,760
4	None	2-IDNet Scales	None	2	\$880
K	1-Analog Scale	2-IDNet Scales	None	3	\$1,320
S	1-Analog Scale	3-IDNet Scales	None	4	\$1,760
P	None	2-IDNet Scales	1-SICS Scale	3	\$1,320
5	None	3-IDNet Scales	None	3	\$1,320
6	None	4-IDNet Scales	None	4	\$1,760
F	None	None	1-SICS Scale	1	\$440

Batch-690

IND690 Scale Option Code - continued (select one)

Order Number	Description			Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
N	1-Analog Scale	None	1-SICS Scale	2		\$880
8	None	1-IDNet Scale	1-SICS Scale	2		\$880
G	None	None	2-SICS Scales	2		\$880
A	None	1-IDNet Scale	2-SICS Scales	3		\$1,320
9	1-Analog Scale	1-IDNet Scale	2-SICS Scales	4		\$1,760
H	None	None	3-SICS Scales	3		\$1,320
M	1-Analog Scale	None	3-SICS Scales	4		\$1,760
B	None	1-IDNet Scale	3-SICS Scales	4		\$1,760
J	None	None	4-SICS Scales	4		\$1,760

IND690 Interface Option (select one)

0	None	0		\$0
1	4 I/O	1		\$220
2	Analog Out	1		\$550
3	Profibus DP	2		\$704
4	Profibus DP plus 4 I/O	3		\$924

IND690 Connectivity Interface (select one)

0	None	0		\$0
1	USB	1		\$220
2	Bluetooth	1		\$660
3	Wireless LAN	1		\$743
4	Ethernet	1		\$710

IND690 Serial Interface (select one)

0	1- RS232	1		\$0
1	2- RS232	2		\$220
4	3- RS232	3		\$440
5	4- RS232	4		\$660
2	1- RS485/422, 1- RS232	2		\$220
3	CL20mA, 1- RS232	2		\$220
6	CL20mA, 2- RS232	3		\$440

IND690 Application (select one)

1	Base-690	Stored tare, target, template memories	-	\$132
2	Count-690	Piece counting and piece filling; APW memory; Refill correction	-	\$330
3	Form-690	Manual formulation up to 15 materials; no stored formulas	-	\$385
4	Com-690	Provides remote control of IND690 from a PC; use with	-	\$440
5	Sum-690	Totalize the usage of individual or all materials processed	-	\$330
6	Fill-690	Auto control filling sequences : fill, lance fill, bung hole fill	-	\$605
7	Control-690	Auto or manual control basic weighing, checkweighing,	-	\$660
8	Batch-690 **	Auto or manual control of batching sequences : fill, batch, dose	-	\$715
9	FormXP-690	Manual formulation; Stored formulas, inventory control, software	-	\$1,045

** Order RS485 Interface Module, (2) 8 I/O Relay Modules 22011968, (1) Power Supply 2200

IND690 Power Option (select one)

A	USA	-		\$0
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IND690 Documentation

22012813	IND690 Service Manual (English)	-		\$8.25
22012803	IND690 Installation Manual (English)	-		\$11.55
22012841	Batch-690 Users Guide (English)	-		\$8.25

Refer to the Instrumentation section for a complete offering of IND690 accessories.

Q.iMPACT

Hardware - Material Transfer Controllers



CONSULTATIVE

Standard Features:

- Scalable manufacturing tool: 3 Matroller models - COMPACT, LITE & PRO
- Dedicated material feed measurement, management, control, and reporting
- Connect to measurement devices - scales, load cells (analog or digital), flow meters
- Enable a host controller to OFF-LOAD up to 27 Material Feed functions per device
- Must be integrated/supervised by a host controller (JagBasic, PLC, DCS, PC)
- May be installed WITHOUT "Channel Licenses" providing TRADITIONAL PRE-ACT CONTROL
- May be installed WITH active "Channel Licenses", offering ADVANCED PROCESS CONTROL
- Companion products: AIM, Q.i365 (Datalogger, SPC, and Data Analysis tool)

Q.iMPACT Model Configuration

Terminal Type	Enclosure and Display Type	Slot 1	Slot 2	Slot 3	Software Option	Market
JX	PB,PA,HA	0,1,2,3,4,7,A,B,F	0,1,2,3,4,7,A,B,F	0,7,9,C,F	C,L,Q	000
		JX PA A F		C L	000	

Ordering Information

Q.iMPACT MATROLLERS (software option details can be located in *Q.i Functionality Matrix* document)

Order Number	Description	Shipping Weight (kg)	Shipping Weight (lb)	Suggested List Price (CDN\$)
Q.iIMPACTcompact				
JXPBxxxC000	Panel-Mount without A/N Display	4.8 kg	10.5 lb	\$3,823
JXPAxxxC000	Panel-Mount with A/N Display	4.3 kg	9.5 lb	\$4,032
JXHAxxxC000	Harsh Environment with A/N Display	8.4 kg	18.5 lb	\$4,516
Q.iIMPACTlite				
JXPBxxxL000	Panel-Mount without A/N Display	4.8 kg	10.5 lb	\$4,719
JXPAxxxL000	Panel-Mount with A/N Display	4.3 kg	9.5 lb	\$4,978
JXHAxxxL000	Harsh Environment with A/N Display	8.4 kg	18.5 lb	\$5,583
Q.iIMPACTpro				
JXPBxxxQ000	Panel-Mount without A/N Display	4.8 kg	10.5 lb	\$7,497
JXPAxxxQ000	Panel-Mount with A/N Display	4.3 kg	9.5 lb	\$7,761
JXHAxxxQ000	Harsh Environment with A/N Display	8.4 kg	18.5 lb	\$8,355
Q.iIMPACT Options (in place of "x" above)				
0	No Option in the Slot (blanking plate on JXP- models)			\$0
1	15V Analog Load Cell Single Scale Interface Board ²			\$506
A	15V Analog Load Cell Dual Scale Interface Board (max 2 - slots 1&2) ²			\$875
2	5V Analog Single Scale Interface Board ^{2,3}			\$671
B	5V Analog Dual Scale Interface Board (max 2 per matroller - slots 1&2) ^{2,3}			\$1,304
3	POWERCELL Interface Board (slot 1 only) ^{1,4}			\$671
4	High Precision (IDNET) Interface Board (max 2 per matroller - slots 1&2)			\$671
7	Multi-Function Interface Board ¹			\$671
9	Profibus DP Interface Board (slot 3 only) ¹			\$671
C	ControlNet Interface Board (slot 3 only) ¹			\$847
F	Flow Meter Interface Board (max 3 per matroller - slot 1,2&3) ⁵			\$1,810

¹ Maximum 1 per matroller

² Hazardous Division 1: 15V analog scale boards use new ISB15, 5V analog scale boards can use old HAP and ISB05 modules.

³ Hazardous Division 2: Only 5 Volt analog scale boards 2 and B have Factory Mutual Division 2 approval (non-incendive rating).

⁴ Auxiliary Power Supply (09170240000) required with more than 14 POWERCELLS.

⁵ Choose a scale card before a flow meter interface board.

Q.iIMPACT

Technology Licenses, Software Licenses & Documentation

CONSULTATIVE

Ordering Information**Technology Licenses**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
Material Paths Licenses			
QITLMP00500	Upgrade License for 500 material paths	per upgrade	\$2,998
QITLMP00999	Upgrade License for 1000 material paths	per upgrade	\$4,499
Channel Licenses			
QITLLCH0XXX	for Q.i compact (XXX can only = 001 through 002)	per channel	\$2,123
QITLLCH0XXX	Q.i lite (XXX can only = 001 through 012)	per channel	\$2,123
QITLBCH0XXX	Q.i pro (XXX can only = 001 through 200)	per channel	\$3,999

Software Licenses**AIM Software (Application Interface Modules for PLC Integration)**

TB-ADVISED	for Q.i compact - AIM Software for PLC5 or Controlnet PLC Controller	TBA
TB-ADVISED	for Q.i lite - AIM Software for PLC5 or Controlnet PLC Controller	TBA
09170392000	for Q.i pro - AIM Software for PLC5 or Controlnet PLC Controller	\$3,751

Q.i365 Software (Data Logging, SPC & Performance Analysis Tool)

QISWS365000	For Q.iIMPACTcompact/lite matrollers or Q.iBATCHcompact/lite	\$1,870
QISWUP36500	For upgrade from Q.iIMPACTcompact /lite to Q.iIMPACT pro matrollers	\$3,751
QISWP365000	For Q.iIMPACT pro matrollers (single cluster)	\$6,248
TB-ADVISED	For additional Q.iIMPACT pro site clusters - add 1 upgrade license for each additional on-site cluster after first "single cluster" license purchase.	\$3,724

Documentation

16591000A	Q.i Documentation CD: Install Guide, User Guide, Quick Start Guide, Technical Manual	MTAM
16596200A	Q.iIMPACT Manual, Install Guide	MTAM
16506500A	Q.iIMPACT Manual, User's Guide	MTAM
16506600A	Q.iIMPACT Manual, Technical	MTAM
BA03404.0E	Qi Mini Booklet w/Pocket Holder for Mini CD (replaces BA03393.0E)	MTAM
BA05403.0E	Qi Mini CDROM – Overview of Qi	MTAM
BA03402.0E	Pocket Folder (Holds literature and full size CDROM)	MTAM

Q.iMPACT

Services & Maintenance Contracts

CONSULTATIVE

Ordering Information

Qi Services Provided By CSS

Order Number	Description		Shipping Weight (lb)	Suggested List Price (CDN\$)
PM-CSS-Qi	CSS Project Management Services - Qi	per day		\$1,716
STARTUP-CSS-Qi	CSS System Startup Services - Qi	per day ¹		\$2,514
INSTALL-CSS-Qi	CSS Installation Services - Qi	per day ¹		\$2,514
TRAINING-CSS-Q	CSS Training Services - Qi	per day ¹		\$2,514

Notes

¹ Daily fees include daily labor, air fares, hotels, meals & other misc travel expenses

Bench/Portable Solutions

Overview

COMMERCIAL / APPLIED

Platforms



PBA220

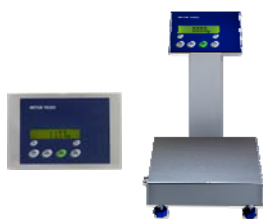


PBA330



PBA430

Checkweighing



IND429

BBA429



IND439

BBA439



IND449

BBA449

Counting



BBA425



BBA432



BBA442

XBL-XID

Bench Scale



XBL-XID

ECONOMY

Approvals:

- UL, FCC, ISO9001

Standard Features Indicator:

- 6-digit bright red LED, 12 mm (1/2 in) height
- On/off/zero and tare functions
- Battery (six "C" size cells) or AC powered
- AC adaptor (included)

Standard Features Base:

- Fabricated tubular mild steel construction
- Stainless steel 304 platter
- Factory set for 125% safe overload of rated capacity

Ordering Information

XBL-XID Bench Scale

Order Number	Model	Capacity	Resolution	Platform Size	Column Height	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207696	XBL30R-XID	60 lb	0.02 lb	12" x 14"	14"	26.4 lb	\$456
71207697	XBL60R-XID	150 lb	0.05 lb	12" x 14"	14"	26.4 lb	\$456
71207698	XBL60L-XID	150 lb	0.05 lb	17" x 22"	27"	41.8 lb	\$589
71207699	XBL150L-XID	300 lb	0.1 lb	17" x 22"	27"	41.8 lb	\$589
71207700	XBL300L-XID	600 lb	0.2 lb	17" x 22"	27"	41.8 lb	\$589



XMC/WS/WT-XIS



XMC/WS/WT-XIS

Bench Scale
Mild or Stainless Steel Base

ECONOMY**Approvals:**

- UL, FCC, ISO9001

Standard Features Indicator:

- 6-digit bright red LED, 12 mm (1/2 in) height
- IP65 / NEMA 4X dustproof and waterproof enclosure
- Selectable lb, kg, oz
- Over/under and alarm feature

Standard Features Base:

- Welded mild or stainless steel base
- Stainless steel 304 platter
- 125% of capacity safety overload

Ordering Information**XMC/WS/WT-XIS Bench Scale - Mild Steel Base**

Order Number	Model	Capacity	Resolution	Platform Size	Column Height	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207672	XMC03-XIS	5 lb	0.001 lb	9" x 9"	9"	13.2 lb	\$833
71207673	XMC06-XIS	10 lb	0.002 lb	9" x 9"	9"	13.2 lb	\$833
71207674	XMC15-XIS	25 lb	0.005 lb	9" x 9"	9"	13.2 lb	\$833
71207675	XWS30R-XIS	50 lb	0.01 lb	12" x 14"	14"	37.4 lb	\$973
71207676	XWS60R-XIS	100 lb	0.02 lb	12" x 14"	14"	37.4 lb	\$973
71207677	XWS60M-XIS	100 lb	0.02 lb	16" x 20"	27"	61.6 lb	\$1,115
71207678	XWS150M-XIS	250 lb	0.05 lb	16" x 20"	27"	61.6 lb	\$1,115
71207680	XWT150M-XIS	250 lb	0.05 lb	20" x 28"	30"	94.6 lb	\$1,394
71207681	XWT300M-XIS	500 lb	0.1 lb	20" x 28"	30"	94.6 lb	\$1,394

XMC/WS/WT-XIS Bench Scale - Stainless Steel Base

Order Number	Model	Capacity	Resolution	Platform Size	Column Height	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207685	XMC03S-XIS	5 lb	0.001 lb	9" x 9"	9"	17.6 lb	\$968
71207686	XMC06S-XIS	10 lb	0.002 lb	9" x 9"	9"	17.6 lb	\$968
71207687	XMC15S-XIS	25 lb	0.005 lb	9" x 9"	9"	17.6 lb	\$968
71207688	XWS30RS-XIS	50 lb	0.01 lb	12" x 14"	14"	37.4 lb	\$1,106
71207689	XWS60RS-XIS	100 lb	0.02 lb	12" x 14"	14"	37.4 lb	\$1,106
71207690	XWS60MS-XIS	100 lb	0.02 lb	16" x 20"	27"	61.6 lb	\$1,386
71207691	XWS150MS-XIS	250 lb	0.05 lb	16" x 20"	27"	61.6 lb	\$1,386
71207692	XWT150MS-XIS	250 lb	0.05 lb	20" x 28"	30"	94.6 lb	\$1,798
71207693	XWT300MS-XIS	500 lb	0.1 lb	20" x 28"	30"	94.6 lb	\$1,798

PS60

Parcel Scale



COMMERCIAL

Approvals:

- NTEP Class III, 3000d, COC #95-165A4, Measurement Canada Approval #AM-5120

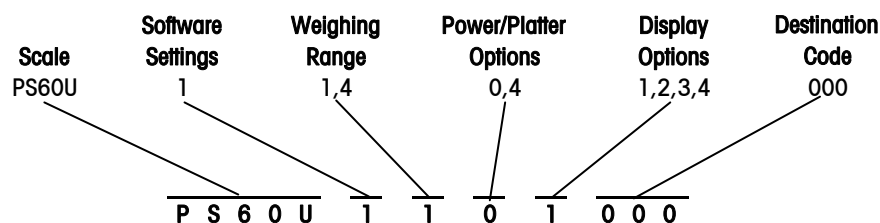
Standard Features:

- 7-digit LCD display, choice of mounting methods
- 12 in x 14 in Stainless Steel platter
- Bi-directional RS232 and USB interfaces
- Interface cables: 10 ft RS232 and 6 ft USB; (9 pin female connector for PC)
- Geo software

Accessories:

- Ball top platter
- Roller top platter

PS60 Model Configuration



Ordering Information

PS60 Scale

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
PS60U	150 lb/60 kg Parcel shipping scale (select weighing range, power/platter, and display options below and add the corresponding price)	17 lb	\$602
Software Settings Position 1			
1	METTLER TOLEDO standard protocol (9600 baud, 7 data bits, 1 stop bit, even parity)	-	\$0
Weighing Range Options Position 2			
1	Single range (150 x 0.05 lb/60 x 0.02 kg)	-	\$0
4	MultiRange (0-60 lb x 0.02 lb, 60-150 lb x 0.05 lb) or (0-30 kg x 0.01 kg, 30-60 kg x 0.02 kg)	-	\$59
Platter/Power Options Position 3			
0	Flat platter - AC Power Supply	2 lb	\$0
4	Ball top platter - AC Power Supply	15 lb	\$233
Display Options Position 4			
1	Base-mount display	1 lb	\$71
2	Tower-mount display	1 lb	\$105
3	Single wall-mount display	1 lb	\$117
4	Dual wall-mount display	1 lb	\$198
PS60 Destination Market Codes			
000	Use for US and Canada	-	\$0

PS60 for use with Carrier Specific Software**Standard Features:**

- Software settings compatible with carrier specific software
- 150 lb x 0.05 lb capacity
- Base mount display
- AC Power Supply
- Interface cables: 10 ft RS232 and 6 ft USB; (9 pin female connector for PC)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
PS60U5131000	PS60U scale with plastic platter, configured for UPS software	22 lb	\$770
PS60U5101000	PS60U scale with Stainless Steel platter, configured for UPS software	22 lb	\$799
PS60U5141000	PS60U scale with ball top platter, configured for UPS software	35 lb	\$1,036
PS60U2131000	PS60U scale with plastic platter, configured for FEDEX software	22 lb	\$770
PS60U2141000	PS60U scale with ball top platter, configured for FEDEX software	35 lb	\$1,036

PS60 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
02701100000	Base mount display (13"/0.3m cable)	2 lb	\$83
02702100000	Tower display (14 ft/4 m cable)	2 lb	\$117
02703100000	Single wall mount display with aluminum bracket (14 ft/4 m cable)	2 lb	\$151
02704100000	Dual wall mount display with 2-aluminum brackets and "Y" cable (2 - 5 ft/1.5 m cables)	3 lb	\$245
09010420000	"Y" cable for dual displays	1 lb	\$88
16317400A	10 ft RS232 interface cable with RJ12 connector (9 pin female for pc)	2 lb	\$71
16630200A	6 ft USB interface cable (9 pin female for pc)		\$48
14881200A	Extension cable to allow for remote displays (requires part #506251 adapter for PS60U)		\$37
09060161000	Ball top platter	15 lb	\$233
09060164000	Roller top platter	15 lb	\$290

Note: Only one port is available for display cabling. If more than one display is needed, order dual wall mount display.

PS 6L

Letter/Parcel Weight Classifier



PS 6L

COMMERCIAL

Approvals:

- NTEP Class III, 3000d, COC #98-018A2 (US Only)

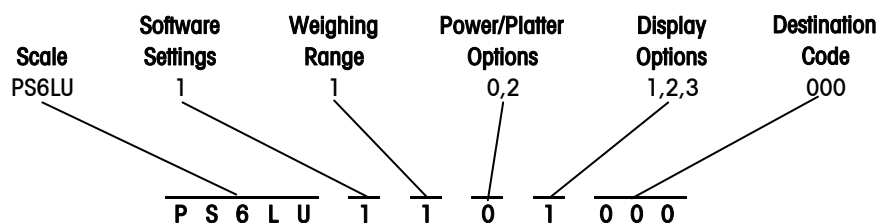
Standard Features:

- Multi-interval, lb-oz weighing mode
- 7-digit LCD display, choice of mounting methods
- 12 in x 14 in Stainless Steel platter
- Bi-directional RS232 and USB interfaces
- Interface cables: 10 ft RS232 and 6 ft USB; (9 pin female connector for PC)
- Geo software

Accessories:

- Ball top platter

PS6L Model Configuration



Ordering Information

PS6L Weight Classifier

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
PS6LU	150 lb Letter/Parcel weight classifier (select weighing range, power/platter, and display options below and add the corresponding price)	14.5 lb	\$792
Software Settings Position 1			
1	METTLER TOLEDO standard protocol (9600 baud, 7 data bits, 1 stop bit, even parity)	-	\$0
Weighing Range Options Position 2			
1	0-10 lb x 0.1 oz, 10-70 lb x 0.2 oz, 70-149 lb x 0.5 oz	-	\$0
Platter/Power Options Position 3			
0	Stainless Steel platter	2 lb	\$0
2	Stainless Steel ball top platter, 12 in x 14 in	15 lb	\$233
Display Options Position 4			
1	Base-mount display	1 lb	\$71
2	Tower-mount display	1 lb	\$105
3	Single wall-mount display	1 lb	\$117
PS6L Destination Market Codes			
000	Use for US and Canada	-	\$0
PS6L Accessories			
16317400A	10 ft RS232 interface cable with RJ12 connector (9 pin female for PC)	2 lb	\$71
16630200A	6 ft USB interface cable (9 pin female for PC)		\$48
09060161000	Ball top platter	15 lb	\$233



PS90



PS90

Parcel Scale

COMMERCIAL

Approvals:

- NTEP Class III, 3000d, COC #00-010A1, Measurement Canada Approval #AM-5357

Standard Features:

- 7-digit LCD display, choice of mounting methods, 14 ft display cable
- Choice of platters
- Bi-directional RS232 interface
- METTLER TOLEDO standard protocol (9600 baud, 7 data bits, 1 stop bit, even parity)
- 10 ft computer interface cable (9 pin female connector)
- Geo software

Accessories:

- Flat top platter
- Ball top platter
- Roller top platter

Ordering Information**PS90 Scale**

Order Number	Capacity	Platter	Shipping Weight (lb)	Suggested List Price (CDN\$)
PS906006000	150 lb/60 kg	No platter	50 lb	\$834
PS906026000		Flat top platter included	61 lb	\$926
PS906036000		Roller top platter included	67 lb	\$1,261
PS906046000		Ball top platter included	72 lb	\$1,232
PS906106000	300 lb/150 kg	No platter	50 lb	\$966
PS906126000		Flat top platter included	61 lb	\$1,060
PS906136000		Roller top platter included	67 lb	\$1,394
PS906146000		Ball top platter included	72 lb	\$1,366

PS90 Platters - COMMERCIAL DISCOUNT APPLIES TO PLATTERS (U.S. ONLY)

Order Number	Description	Size	Steel	Features	Shipping Weight (lb)	Suggested List Price (CDN\$)
09060167000	Flat top platter	15.75" x 19.75"	Stainless	—	11 lb	\$88
09060168000	Roller top platter	16" x 22.6"	Painted	8 Galvanized steel rollers	17 lb	\$424
09060169000	Ball top platter	15.75" x 19.75"	Painted	17 Stainless Steel roller balls	22 lb	\$394

PBA220

Analog Scale Bases

Painted Steel with Stainless Steel Platter

Produced in a facility that is



PBA220

COMMERCIAL

Approvals:

- NTEP Class III, 3000d, COC #08-011 (all sizes, all capacities), Measurement Canada Approval #AM-5673 (3000d)
- Measurement Canada Approval pending
- OIML R60 C3 MT1242 - TC5382, MT1022 - TC5442

Standard Features:

- Aluminum models MT1022, MT1241 analog load cells
- 6 kg to 300 kg capacities
- IP67 ingress protection
- Rectangular and Square sizes
- 304 Stainless Steel platter
- Painted steel frame
- Up to six overload stops

Ordering Information

PBA220 Rectangular Scale Base

Order Number	Platform Size mm (In)	Standard Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Cable Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
72195849	240 x 300 x 68.5 (9.5" x 12") - A	6 kg	6 kg/15 lb	0.002 kg/0.005 lb	1.0 m/3.3 ft	15 lb	\$609
72195850		15 kg	15 kg/30 lb	0.005 kg/0.01 lb		15 lb	\$609
72195851	300 x 400 x 77.5 (12" x 16") - BB	35 kg	35 kg/60 lb	0.01 kg/0.02 lb	2.0 m/6.5 ft	24 lb	\$743
72195852		60 kg	60 kg/150 lb	0.02 kg/0.05 lb		24 lb	\$743
72195853	400 x 500 x 79 (16" x 20") - B	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	49 lb	\$930
72195854		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		49 lb	\$930
72195855	500 x 650 x 115 (20" x 26") - BC	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	55 lb	\$1,051
72195856		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		55 lb	\$1,051
72195857		300 kg	300 kg/600 lb	0.1 kg/0.2 lb		55 lb	\$1,051
72195858	600 x 800 x 130 (24" x 32") - CC	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	139 lb	\$1,355
72195859		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		139 lb	\$1,355
72195860		300 kg	300 kg/600 lb	0.1 kg/0.2 lb		139 lb	\$1,355

PBA220 Square Scale Base

72195882	229 x 229 x 68.5 (9" x 9") - QA	6 kg	6 kg/15 lb	0.002 kg/0.005 lb	1.0 m/3.3 ft	12 lb	\$542
72195883	305 x 305 x 77.5 (12" x 12") - QB	15 kg	15 kg/30 lb	0.005 kg/0.01 lb	2.0 m/6.5 ft	21 lb	\$640
72195884		35 kg	35 kg/60 lb	0.01 kg/0.02 lb		21 lb	\$640
72195885		60 kg	60 kg/150 lb	0.02 kg/0.05 lb		21 lb	\$640
72195886	457 x 457 x 79 (18" x 18") - QC	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	51 lb	\$929
72195887		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		51 lb	\$929
72195888	610 x 610 x 115 (24" x 24") - QD	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	84 lb	\$1,173
72195889		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		84 lb	\$1,173
72195890		300 kg	300 kg/600 lb	0.1 kg/0.2 lb		84 lb	\$1,173

PBA220 Analog Scale Bases

PBA220 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
A082534020	Splice box, plastic for extending load cell cable (TYPE 4X)	2 lb	\$95
TB100448	Splice box, Stainless Steel for extending load cell cable	2 lb	\$220

PBA220 Accessories - Columns

1438950TC	12 in Stainless Steel cylindrical column (requires 64056496)	5 lb	\$140
1449210TC	19.5 in Stainless Steel cylindrical column (requires 64056496)	6 lb	\$184
1438940TC	40 in Stainless Steel cylindrical column (requires 64056496)	10 lb	\$310
64056496	Column Adapter with M8 hole (for 1438950TC, 1449210TC and 1438940TC)	-	\$30
72198699	Column, CS, open back rectangular, 13 in/330 mm, flat top, tapped M8 hole		\$90
72198700	Column, CS, open back rectangular, 24 in/600 mm, flat top, tapped M8 hole		\$105
72198701	Column, CS, open back rectangular, 35.5 in/900 mm, flat top, tapped M8 hole		\$123
72198702	Column, SS, open back rectangular, 13 in/330 mm, flat top, tapped M8 hole		\$123
72198703	Column, SS, open back rectangular, 24 in/600 mm, flat top, tapped M8 hole		\$142
72198704	Column, SS, open back rectangular, 35.5 in/900 mm, flat top, tapped M8 hole		\$163
22012636	40 in/ 1000 mm Carbon Steel square tube floor stand with M8 hole ***		Call
503700	Freestanding Carbon Steel Base Plate (Provides added stability)		\$202
22014834	40 in/ 1000 mm Stainless Steel square tube Floor Stand with M8 hole ***		\$566
503701	Freestanding Stainless Steel Base Plate (Provides added stability - 18.5 x 18.5 in/ 470 x 470 mm)		\$368

*** Includes IND4x9 terminal bracket - refer to page IN-25 to order other terminal brackets ***

PBA220 Accessories - Stands and Carts

503631	Wheeled stand, CS, open top, 16 in x 20 in/400 x 500 mm		\$362
504853	Wheeled stand, CS, open top, 24 in x 32 in/600 x 800 mm		\$549
503632	Wheeled stand, SS, open top, 16 in x 20 in/400 x 500 mm		\$578
504854	Wheeled stand, SS, open top, 24 in x 32 in/600 x 800 mm		\$854
72198696	Cart, low profile, open top for mobile weighing, 500 x 650 x 130 mm		\$521
72198697	Cart, low profile, open top for mobile weighing, 600 x 800 x 130 mm		\$556
09240070000	Stainless Steel cart, solid top with holes for 9 in, 12 in, 18 in platforms	45 lb	\$971

PBA220 Accessories - Special Tops

71145009	Roller conveyor, galvanized rollers, painted Mild Steel, 12 in x 12 in/305 x 305 mm		\$300
72198705	Roller conveyor, galvanized rollers, painted Mild Steel, 16 in x 20 in/400 x 500 mm		\$325
72198707	Roller conveyor, galvanized rollers, painted Mild Steel, 20 in x 26 in/500 x 650 mm		\$464
72198709	Roller conveyor, galvanized rollers, painted Mild Steel, 24 in x 32 in/600 x 800 mm		\$510
72198689	Roller conveyor, galvanized rollers, painted Mild Steel, 18 in x 18 in/457 x 457 mm		\$325
72198690	Roller conveyor, galvanized rollers, painted Mild Steel, 24 in x 24 in/610 x 610 mm		\$418
72198691	Ball top, galvanized balls, painted Mild Steel, 16 in x 20 in/400 x 500 mm		\$348
72198692	Ball top, galvanized balls, painted Mild Steel, 20 in x 26 in/500 x 650 mm		\$418
72198693	Ball top, galvanized balls, painted Mild Steel, 24 in x 32 in/600 x 800 mm		\$464
72198694	Ball top, galvanized balls, painted Mild Steel, 18 in x 18 in/457 x 457 mm		\$348
72198695	Ball top, galvanized balls, painted Mild Steel, 24 in x 24 in/610 x 610 mm		\$418

BBA221

Analog Bench Scale

Painted Steel with Stainless Steel Platter

Produced in a facility that is



BBA221

COMMERCIAL

Approvals:

- NTEP Class III, 3000d, COC #08-025 (all sizes, all capacities)
- Measurement Canada Approval pending
- OIML R60 C3 MT1242 - TC5382, MT1022 - TC5442

Standard Features:

- PBA220 Platform with IND221 Terminal and Open Back Column
- 6 kg to 300 kg capacities
- IP67 ingress protection
- Rectangular and Square sizes
- 304 Stainless Steel platter
- Painted steel frame
- Up to six overload stops
- Bright green 6-digit, 1.2 in LED weight display
- Basic Weighing with momentary (20 seconds) x 10 display
- Over/Under Checkweighing, Counting
- IP54 ABS plastic enclosure
- Single RS232 port
- On-touch keys for clear, tare, print, zero, and function
- Standard 4-C cell battery operation

Ordering Information

BBA221 Rectangular Bench Scale

Order Number	Platform Size mm (In)	Standard Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Cable Length	Shipping Weight (lb)	Suggested List Price (CDNS)
72216760	240 x 300 x 492 (9.5" x 12") - A	6 kg	6 kg/15 lb	0.002 kg/0.005 lb	1.0 m/3.3 ft	15 lb	\$901
72216761		15 kg	15 kg/30 lb	0.005 kg/0.01 lb		15 lb	\$901
72216762	300 x 400 x 492 (12" x 16") - BB	35 kg	35 kg/60 lb	0.01 kg/0.02 lb	2.0 m/6.5 ft	24 lb	\$919
72216763		60 kg	60 kg/150 lb	0.02 kg/0.05 lb		24 lb	\$919
72216764	400 x 500 x 812 (16" x 20") - B	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	49 lb	\$1,054
72216765		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		49 lb	\$1,054
72216766	500 x 650 x 1056 (20" x 26") - BC	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	55 lb	\$1,360
72216767		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		55 lb	\$1,360
72216768		300 kg	300 kg/600 lb	0.1 kg/0.2 lb		55 lb	\$1,360
72216769	600 x 800 x 1056 (24" x 32") - CC	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	139 lb	\$1,615
72216770		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		139 lb	\$1,615
72216771		300 kg	300 kg/600 lb	0.1 kg/0.2 lb		139 lb	\$1,615

BBA221 Square Bench Scale

72216751	229 x 229 x 492 (9" x 9") - QA	6 kg	6 kg/15 lb	0.002 kg/0.005 lb	1.0 m/3.3 ft	12 lb	\$901
72216752	305 x 305 x 492 (12" x 12") - QB	15 kg	15 kg/30 lb	0.005 kg/0.01 lb	2.0 m/6.5 ft	21 lb	\$919
72216753		35 kg	35 kg/60 lb	0.01 kg/0.02 lb		21 lb	\$919
72216754		60 kg	60 kg/150 lb	0.02 kg/0.05 lb		21 lb	\$919
72216755	457 x 457 x 812 (18" x 18") - QC	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	51 lb	\$1,191
72216756		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		51 lb	\$1,191
72216757	610 x 610 x 1056 (24" x 24") - QD	60 kg	60 kg/150 lb	0.02 kg/0.05 lb	2.5 m/8.2 ft	84 lb	\$1,615
72216758		150 kg	150 kg/300 lb	0.05 kg/0.1 lb		84 lb	\$1,615
72216759		300 kg	300 kg/600 lb	0.1 kg/0.2 lb		84 lb	\$1,615

BBA221 Analog Bench Scale

BBA221 Accessories - Stands and Carts

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
503631	Wheeled stand, CS, open top, 16 in x 20 in/400 x 500 mm		\$362
504853	Wheeled stand, CS, open top, 24 in x 32 in/600 x 800 mm		\$549
503632	Wheeled stand, SS, open top, 16 in x 20 in/400 x 500 mm		\$578
504854	Wheeled stand, SS, open top, 24 in x 32 in/600 x 800 mm		\$854
72198696	Cart, low profile, open top for mobile weighing, 500 x 650 x 130 mm		\$521
72198697	Cart, low profile, open top for mobile weighing, 600 x 800 x 130 mm		\$556
09240070000	Stainless Steel cart, solid top with holes for 9 in, 12 in, 18 in platforms	45 lb	\$971

BBA221 Accessories - Special Tops

71145009	Roller conveyor, galvanized rollers, painted Mild Steel, 12 in x 12 in/305 x 305 mm		\$300
72198705	Roller conveyor, galvanized rollers, painted Mild Steel, 16 in x 20 in/400 x 500 mm		\$325
72198707	Roller conveyor, galvanized rollers, painted Mild Steel, 20 in x 26 in/500 x 650 mm		\$464
72198709	Roller conveyor, galvanized rollers, painted Mild Steel, 24 in x 32 in/600 x 800 mm		\$510
72198689	Roller conveyor, galvanized rollers, painted Mild Steel, 18 in x 18 in/457 x 457 mm		\$325
72198690	Roller conveyor, galvanized rollers, painted Mild Steel, 24 in x 24 in/610 x 610 mm		\$418
72198691	Ball top, galvanized balls, painted Mild Steel, 16 in x 20 in/400 x 500 mm		\$348
72198692	Ball top, galvanized balls, painted Mild Steel, 20 in x 26 in/500 x 650 mm		\$418
72198693	Ball top, galvanized balls, painted Mild Steel, 24 in x 32 in/600 x 800 mm		\$464
72198694	Ball top, galvanized balls, painted Mild Steel, 18 in x 18 in/457 x 457 mm		\$348
72198695	Ball top, galvanized balls, painted Mild Steel, 24 in x 24 in/610 x 610 mm		\$418

PBA330

Analog Scale Bases

Powder Coated Steel with Stainless Steel Platter



COMMERCIAL

Approvals:

- NTEP Class III, 5000d, COC #06-075 (71208736 and 71208746 are not NTEP approved)
- Measurement Canada Approval #AM-5622 (71208736 is not approved)
- OIML C3 TC 5843 (785 load cell), TC5842 (795 load cell), TC6064 (805 load cell)

Standard Features:

- Aluminum model 785, 795, 805 analog load cell
- 6 kg to 600 kg capacities
- IP65 ingress protection
- Rectangular and Square sizes
- 304 Stainless Steel platter, rounded corners
- Powder coated steel frame
- Up to six overload stops



Ordering Information

PBA330 Rectangular Scale Base

Order Number	Platform Size mm (In)	Standard Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Cable Length	Shipping Weight (lb)	Suggested List Price (CDNS)
71208687	240 x 300 x 80 (9.5" x 12") - A	6 kg	5 kg/10 lb	0.001 kg/0.002 lb	1.5 m/4.9 ft	15 lb	\$761
71208725		15 kg	10 kg/25 lb	0.002 kg/0.005 lb		15 lb	\$761
71208726	300 x 400 x 86 (12" x 16") - BB	35 kg	25 kg/50 lb	0.005 kg/0.01 lb	1.5 m/4.9 ft	24 lb	\$929
71208727		60 kg	50 kg/100 lb	0.01 kg/0.02 lb	2.5 m/8.2 ft	24 lb	\$929
71208728	400 x 500 x 86 (16" x 20") - B	60 kg	50 kg/100 lb	0.01 kg/0.02 lb	2.5 m/8.2 ft	49 lb	\$1,162
71208729		150 kg	100 kg/250 lb	0.025 kg/0.05 lb		49 lb	\$1,162
71208730	500 x 650 x 110 (20" x 26") - BC	60 kg	50 kg/100 lb	0.01 kg/0.02 lb	5.0 m/16.4 ft	55 lb	\$1,314
71208731		150 kg	100 kg/250 lb	0.02 kg/0.05 lb		55 lb	\$1,314
71208732		300 kg	250 kg/500 lb	0.05 kg/0.1 lb		55 lb	\$1,314
71208733	600 x 800 x 120 (24" x 32") - CC	60 kg	50 kg/100 lb	0.01 kg/0.02 lb	5.0 m/16.4 ft	139 lb	\$1,693
71208734		150 kg	100 kg/250 lb	0.02 kg/0.05 lb		139 lb	\$1,693
71208735		300 kg	250 kg/500 lb	0.05 kg/0.1 lb		139 lb	\$1,693
71208736		600 kg	N/A	N/A		139 lb	\$1,693

PBA330 Square Scale Base

71208746	229 x 229 x 77 (9" x 9") - QA	6 kg	N/A	N/A	1.5 m/4.9 ft	12 lb	\$677
71208747	305 x 305 x 85 (12" x 12") - QB	15 kg	10 kg/25 lb	0.002 kg/0.005 lb	1.5 m/4.9 ft	21 lb	\$800
71208748		35 kg	25 kg/50 lb	0.005 kg/0.01 lb		21 lb	\$800
71208749		60 kg	50 kg/100 lb	0.01 kg/0.02 lb	2.5 m/8.2 ft	21 lb	\$800
71208750	457 x 457 x 87 (18" x 18") - QC	60 kg	50 kg/100 lb	0.01 kg/0.02 lb	2.5 m/8.2 ft	51 lb	\$1,161
71208751		150 kg	100 kg/250 lb	0.025 kg/0.05 lb		51 lb	\$1,161
71208834	610 x 610 x 110 (24" x 24") - QD	60 kg	50 kg/100 lb	0.01 kg/0.02 lb	5.0 m/16.4 ft	84 lb	\$1,466
71208835		150 kg	100 kg/250 lb	0.025 kg/0.05 lb		84 lb	\$1,466
71208752		300 kg	250 kg/500 lb	0.05 kg/0.1 lb		84 lb	\$1,466

PBA330 Analog Scale Bases

PBA330 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
A082534020	Splice box, plastic for extending load cell cable (TYPE 4X)	2 lb	\$95
TB100448	Splice box, Stainless Steel for extending load cell cable	2 lb	\$220

PBA330 Accessories - Columns

1438950TC	12" Stainless Steel cylindrical column (requires 64056496)	5 lb	\$140
1449210TC	19.5" Stainless Steel cylindrical column (requires 64056496)	6 lb	\$184
1438940TC	40" Stainless Steel cylindrical column (requires 64056496)	10 lb	\$310
64056496	Column Adapter with M8 hole (for 1438950TC, 1449210TC and 1438940TC)	-	\$30
72198699	Column, CS, open back rectangular, 13"/330 mm, flat top, tapped M8 hole		\$90
72198700	Column, CS, open back rectangular, 26"/660 mm, flat top, tapped M8 hole		\$105
72198701	Column, CS, open back rectangular, 35.5"/900 mm, flat top, tapped M8 hole		\$123
72198702	Column, SS, open back rectangular, 13"/330 mm, flat top, tapped M8 hole		\$123
72198703	Column, SS, open back rectangular, 26"/660 mm, flat top, tapped M8 hole		\$142
72198704	Column, SS, open back rectangular, 35.5"/900 mm, flat top, tapped M8 hole		\$163
22012636	40"/ 1000 mm Carbon Steel square tube Floor Stand with M8 hole ***		Call
503700	Freestanding Carbon Steel Base Plate (Provides added stability)		\$202
22014834	40"/ 1000 mm Stainless Steel square tube Floor Stand with M8 hole ***		\$566
503701	Freestanding Stainless Steel Base Plate (Provides added stability - 18.5 x 18.5 in/ 470 x 470 mm)		\$368

*** Includes IND4x9 terminal bracket - refer to page IN-25 to order other terminal brackets ***

PBA330 Accessories - Stands and Carts

503631	Wheeled stand, CS, open top, 16" x 20"/400 x 500 mm		\$362
504853	Wheeled stand, CS, open top, 24" x 32"/600 x 800 mm		\$549
503632	Wheeled stand, SS, open top, 16" x 20"/400 x 500 mm		\$578
504854	Wheeled stand, SS, open top, 24" x 32"/600 x 800 mm		\$854
72198696	Cart, low profile, open top for mobile weighing, 500 x 650 x 130 mm		\$521
72198697	Cart, low profile, open top for mobile weighing, 600 x 800 x 130 mm		\$556
09240070000	Stainless Steel cart, solid top with holes for 9 in, 12 in, 18 in platforms	45 lb	\$971

PBA330 Accessories - Special Tops

71145009	Roller conveyor, galvanized rollers, painted Mild Steel, 12" x 12"/305 x 305 mm		\$300
72198705	Roller conveyor, galvanized rollers, painted Mild Steel, 16" x 20"/400 x 500 mm		\$325
72198707	Roller conveyor, galvanized rollers, painted Mild Steel, 20" x 26"/500 x 650 mm		\$464
72198709	Roller conveyor, galvanized rollers, painted Mild Steel, 24" x 32"/600 x 800 mm		\$510
72198689	Roller conveyor, galvanized rollers, painted Mild Steel, 18" x 18"/457 x 457 mm		\$325
72198690	Roller conveyor, galvanized rollers, painted Mild Steel, 24" x 24"/610 x 610 mm		\$418
72198691	Ball top, galvanized balls, painted Mild Steel, 16" x 20"/400 x 500 mm		\$348
72198692	Ball top, galvanized balls, painted Mild Steel, 20" x 26"/500 x 650 mm		\$418
72198693	Ball top, galvanized balls, painted Mild Steel, 24" x 32"/600 x 800 mm		\$464
72198694	Ball top, galvanized balls, painted Mild Steel, 18" x 18"/457 x 457 mm		\$348
72198695	Ball top, galvanized balls, painted Mild Steel, 24" x 24"/610 x 610 mm		\$418

WILDCAT on Wheels

Analog Bench Scale



COMMERCIAL

WILDCAT on

Approvals:

- WILDCAT on Wheels - NTEP Class III, 2000d or 2500d, COC #99-053A1, Measurement Canada Approval #AM-5319, Rev. 2

Standard Features:

- WILDCAT on Wheels - Fabricated steel frame - polyurethane painted
- WILDCAT on Wheels - Four polyurethane wheels (two with locking safety brakes)
- Fabricated Stainless Steel 304L platter
- 6-digit display, 1 in high, high-contrast, backlit display
- Stainless Steel column
- AC or battery operation
- 5.5 ft loadcell cable

Accessories:

- Stainless Steel cart

Ordering Information

WILDCAT on Wheels

Order Number	Platform Size	Overall Dimensions	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
WW250VR000	20" x 28" x 8"	20" x 33.5" x 52"	500 x 0.2 lb / 250 x 0.1 kg	148 lb	\$1,752
WW500VR000			1000 x 0.5 lb / 500 x 0.2 kg	148 lb	\$1,752

WILDCAT on Wheels Base Only (Includes Wheels/Brakes) - No W&M Approval

Order Number	Platform Size	Standard Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
WW250M000	20" x 28" x 8"	500 lb/250 kg	110 lb	\$1,097
WW500M000		1000 lb/500 kg	110 lb	\$1,097

WILDCAT on Wheels Base Only Accessory

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
156267OTC	Column for PANTHER Terminal	12 lb	\$239



BBA425 Series

4 Series Basic Weigh Scale

IP65 Protection

COMMERCIAL

Approvals:

- NTEP Class III, 7500d, COC #01-050A
- Measurement Canada Approval #AM-5437 Revision 2

Standard Features:

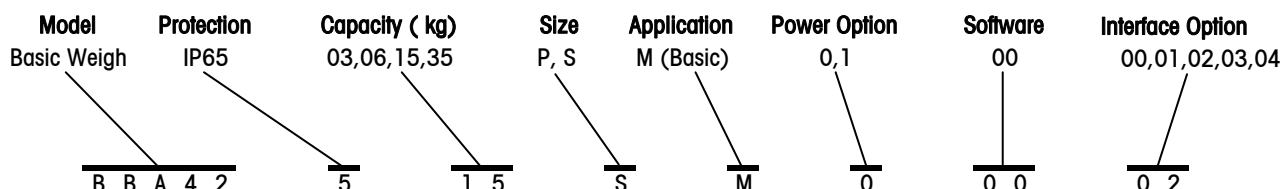
- Fast LCD display with back-light
- Die-cast aluminum housing
- IP65/Type 4 protection
- 1-Bi-directional RS232 interface
- Zero, Tare, Print, Units, Clear keys

Accessories:

- NiMH battery pack
- Protective cover

Options:

- Second I/O option: Digital, RS485, USB, or Ethernet

4 Series Model Configuration**Ordering Information****4 Series Basic - IP65**

Order Number	Overall Dimensions	Weigh Pan Size	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA42503PM	10.4" x 13.2"	7.9" x 9.5"	6 x 0.0005 lb / 3 x 0.0002 kg	6 x 0.0005 lb / 3 x 0.0002 kg	13 lb	\$1,395
BBA42506PM	x 4.0"		12 x 0.001 lb / 6 x 0.0005 kg	12 x 0.001 lb / 6 x 0.0005 kg	13 lb	\$1,395
BBA42515SM	14.2" x 14.6"	9.5" x	30 x 0.002 lb / 15 x 0.001 kg	30 x 0.002 lb / 15 x 0.001 kg	21 lb	\$1,523
BBA42535SM	x 4.5"	13.8"	70 x 0.005 lb / 35 x 0.002 kg	70 x 0.005 lb / 35 x 0.002 kg	21 lb	\$1,523

Power Options

Option	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	none	-	\$0
1	30 hour NiMH rechargeable battery pack	2 lb	\$330
00	none		\$0
02	Digital I/O		\$440
03	RS485		\$440
04	USB (slave)		\$440

Built to order product. Lead time is 3-4 weeks.

BBA422 / BBK422

4 Series Basic Weigh Scale



Approvals:

- NTEP Class III, 6000d, COC #01-050A5
- Measurement Canada Approval #AM-5437 Revision 2

Standard Features:

- Fast LCD display with back-light
- Die-cast aluminum housing
- 1-Bi-directional RS232 interface
- Zero, Tare, Print, Units, Clear keys

Accessories:

- NiMH rechargeable battery pack
- Protective cover

Options:

- Second I/O option: Digital, RS485, USB, or Ethernet

4 Series Model Configuration

Model	Protection	Capacity (kg)	Size	Application	Power Option	Software	Interface Option
Basic Weigh	2	03,06,15,35,60	P, S	M (Basic)	0,1	00	00,01,02,03,04,05
B B A 4 2	2	1 5	S	M	0	0 0	0 2

Ordering Information

COMMERCIAL

4 Series Basic - Analog Load Cell

Order Number	Overall Dimensions	Weigh Pan Size	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA42203PM	10.4" x 13.2"	7.9" x 9.5"	6 x 0.0005 lb / 3 x 0.0002 kg	6 x 0.0005 lb / 3 x 0.0002 kg	13 lb	\$1,108
BBA42206PM	x 4.0"		12 x 0.001 lb / 6 x 0.0005 kg	12 x 0.001 lb / 6 x 0.0005 kg	13 lb	\$1,108
BBA42215SM	14.2" x 14.6"	9.5" x 13.8"	30 x 0.002 lb / 15 x 0.001 kg	30 x 0.002 lb / 15 x 0.001 kg	21 lb	\$1,170
24 BBA42235SM	x 4.5"		70 x 0.005 lb / 35 x 0.002 kg	70 x 0.005 lb / 35 x 0.002 kg	21 lb	\$1,170
BBA42260SM			120 x 0.01 lb / 60 x 0.005 kg	120 x 0.01 lb / 60 x 0.005 kg	21 lb	\$1,170



APPLIED

4 Series Basic - MonoBloc Load Cell

Order Number	Overall Dimensions	Weigh Pan Size	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBK42203PM	10.4" x 13.2"	6.5" x 6.5"	6 x 0.00002 lb/3 kg x 0.01 g	6 x 0.00002 lb/3 kg x 0.01 g	13 lb	\$2,200
BBK42206PM	x 4.0"	7.9" x 9.5"	12 x 0.00005 lb/6 kg x 0.02 g	12 x 0.00005 lb/6 kg x 0.02 g	13 lb	\$2,200
BBK42215SM	14.2" x 14.6"	9.5" x 13.8"	30 x 0.0001 lb/15 kg x 0.05 g	30 x 0.0001 lb/15 kg x 0.05 g	21 lb	\$2,589
BBK42235SM	x 4.5"		70 x 0.0002 lb/35 kg x 0.1 g	70 x 0.0002 lb/35 kg x 0.1 g	21 lb	\$3,109

24 Stocked to ensure 24 hour delivery on up to 10 identical units

4 Series Basic Weigh

Power Option

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	none	-	\$0
1	30 hour NiMH rechargeable battery pack	2 lb	\$330

Software Option (choose one only)

00	none		\$0
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Second Interface Option (choose one only)

00	none		\$0
01	RS232		\$165
02	Digital I/O		\$440
03	RS485		\$440
04	USB (slave)		\$440
05	Ethernet (not IP65)		\$440

4 Series Field Installation Kits

Order Number	Option Number	Model	Description	Suggested List Price (CDN\$)
22013167	01	Basic	Field kit for 2nd RS232	\$187
22013142	02	Basic	Field kit for Digital I/O	\$462
22013145	03	Basic	Field kit for RS485	\$462
22013144	04	Basic	Field kit for USB (slave)	\$462
22013143	05	Basic	Field kit for Ethernet (not IP65)	\$462

4 Series Basic Weigh Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22013140	30 hour NiMH rechargeable battery pack kit for BBA422 / BBK422 / BBA42		\$330
22013141	External power connector kit (includes AC adapter)		\$53
22013791	Mating cable (6 ft) for connecting 12-20 VDC power source to 22013141		\$48
21203903	Certification kit (W&M sealing kit for legal-for-trade applications)		\$49
22013180	BBA422 / BBA425 / BBK422 User Manual		\$29
229175	Anti-theft device, metal rod lock		\$51
590101	Anti-theft device, cable lock		\$53
21203207	Scale protective in-use cover for small chassis		\$26
21203206	Scale protective in-use cover for large chassis		\$28
09010310000	Soft sided carrying case for large chassis (not to be used with BBK)		\$112
225269	Glass draft shield for BBK4x203 - 135 mm working height (requires 22011304 adapter plate)		\$230
22011304	Adapter plate (required with 225269 draft shield)		\$236

IND429/439/449

Weighing Terminal



IND449check+

APPLIED

Approvals:

- USA: Class II 100,000d; Class III/IIIL 10,000d; **COC#05-010**
- Measurement Canada Approval: Class II 100,000d; Class III/III HD 10,000d #AM-5588
- CSA, EHEDG, NSF approvals

Standard Features:

IND429

- IP69k protected
- Full Stainless Steel enclosure
- 6 keys with tactile feedback
- RS232 serial interface
- Dynamic weighing (IND429 only)
- LCD display
- MinWeigh
- Taring
- Unit switching
- Printing/Data transfer

IND439check

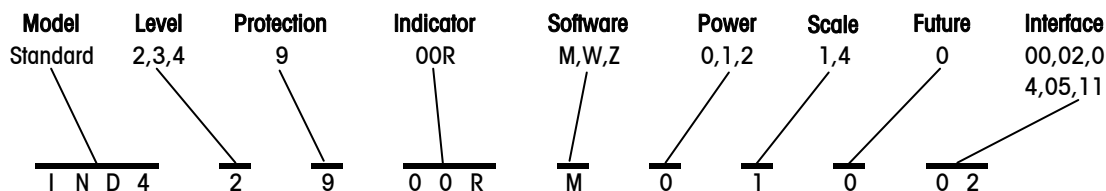
- Same as IND429, plus:
- No dynamic weighing
- Checkweighing (3 modes)
- 99 target memories
- Graphic indication of weight
- COLOR WEIGHT® display
- 10 keys with tactile feedback
- Quick calibration
- I/O

IND449check+

- Same as IND439, plus:
- Counting Software
- TakeAway mode
- Identification (2 IDs)
- Recall gross, tare, resolution
- Numeric keypad (25 keys total)
- Date / time
- Classification (5 colors)

Note: Checkweighing capability included in the IND439 and IND449 only;
Counting software is featured in the IND449 only.

IND4x9 Model Configuration



Ordering Information

IND4x9 Base Terminal Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
IND42900RM	IND429 Basic level terminal with IP69k protection		\$886
IND43900RW	IND439 Check terminal with IP69k protection		\$1,293
IND44900RZ	IND449 Check+ terminal with IP69k protection		\$1,495

Power Options

0	AC power only	\$0
1	Internal battery (with charger)	\$330

Scale Options

1	Analog scale connection	\$0
4	IDNet scale connection (with T-Brick cell only)	\$220

Future Options

0	Standard	\$0
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IND429/439/449 Accessories

Interface Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	Standard (RS232)		\$0
02	Standard plus Digital I/O		\$440
04	Standard plus USB		\$440
05	Standard plus Ethernet		\$440
11	Standard plus WLAN		\$660

IND4x9 Field Installation Kits

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
N/A	Standard plus Digital I/O		N/A
N/A	Standard plus USB		N/A
N/A	Standard plus Ethernet		N/A
N/A	Standard plus WLAN		N/A

IND4x9 Accessories - General

22013963	IND4x9 Protective Covers - Set of 3		\$105
21203903	W&M Certification Kit (Sealing kit for legal-for-trade applications)		\$49

IND4x9 Accessories - Cables and Mating Connectors

504376	3 m RS232 Serial cable (8 pin DIN to DB9 Female connector)		\$110
504755	3 m RS232 Serial cable (8 pin DIN to DB25 Male connector)		Call
503756	RS232 8 pin DIN mating connector (requires field assembly - cable not included)		\$66
504458	10 m Digital I/O Cable (8 pin DIN to 19 pin Male connector)		\$176
504461	Digital I/O 19 pin DIN mating connector (requires field assembly - cable not included)		\$66
*** 504458 or 504461 is required for Digital I/O option ***			
22006268	0.2 m USB Cable Adapter (8 pin DIN to Type A USB socket)		\$72
22007713	3.0 m USB Cable Adapter (8 pin DIN to Type A USB socket)		\$94
64057263	10 ft Type A USB Cable		\$35
22001088	4 I/O external relay module with terminal strip for Digital I/O option		\$440
205247	5 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$176
208152	20 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$429

IND4x9 Documentation

22013821A	IND4x9 / BBA4x9 Installation Guide (English)		\$8.25
22013801A	IND429 / BBA429 User Manual (English)		\$11.55
22015307	IND439check / BBA439check User Manual (English)		\$11.55
22015313	IND449check+ / BBA449check+ User Manual (English)		\$11.55
22013973A	IND4x9 / BBA4x9 Quick Guide (Multi-lingual)		\$8.25
22013826A	IND4x9 / BBA4x9 Service Manual (English)		\$8.25
IN03441.OE	IND429 Literature (English)		\$0.00
IN03457.OE	IND4x9 / BBA4x9 Literature (English)		\$0.00

BBA429

Compact Scale



BBA429

APPLIED

Approvals:

- NTEP Class III COC #07-030A, Measurement Canada Approval #AM-5615, OIML
- EHEDG, NSF, GMP, certified

Standard Features:

- IP69k protected
- Full Stainless Steel enclosure
- LCD display
- 6 keys with tactile feedback
- RS232 serial interface
- Dynamic weighing
- Zone setting
- Taring
- Unit switching
- Printing/Data transfer
- MinWeigh
- Quick calibration
- No checkweighing
- 6 lb-60 lb include 1.5m/4.9ft cable
- 150-300 lb include 2.5m/8.2ft cable

BBA429 Model Configuration

Model	Size/Capacity	Software	Power	Scale	Future	Interface
BBA429	XXX	M	0,1,2	1	0	00,02,0 4,05,11
B B A 4 2 9	0 3 0	M	0	1	0	0 2

Ordering Information

Model Options

Order Number	Platform Size mm (in)	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA429003M	240 x 300 (9.5" x 12") - A	6 x 0.0002 lb / 3 kg x 0.5 g	N/A	21 lb	\$2,350
BBA429006M		15 x 0.002 lb / 6 kg x 1 g	10 x 0.002 lb / 5 kg x 1 g	21 lb	\$2,350
BBA429015M		30 x 0.005 lb / 15 kg x 2 g	20 x 0.005 lb / 10 kg x 2 g	21 lb	\$2,350
BBA429030M	300 x 400 (12" x 16") - BB	60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	28 lb	\$2,606
BBA429060M		150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	28 lb	\$2,606
BBA429B30M	400 x 500 (16" x 20") - B	60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	30 lb	\$3,072
BBA429B60M		150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	30 lb	\$3,072
BBA429150M		300 x 0.05 lb / 150 x 0.02 kg	200 x 0.05 lb / 100 x 0.02 kg	30 lb	\$3,072
BBA429Q06M	229 x 229 (9" x 9") - QA	15 x 0.002 lb / 6 kg x 1 g	10 x 0.002 lb / 5 kg x 1 g	19 lb	\$2,295
BBA429Q15M	305 x 305 (12" x 12") - QB	30 x 0.005 lb / 15 kg x 2 g	20 x 0.005 lb / 10 kg x 2 g	27 lb	\$2,485
BBA429Q30M		60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	27 lb	\$2,485
BBA429Q60M		150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	27 lb	\$2,485

Power Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	AC power only		\$0
1	Internal battery (with charger)		\$330
2	External battery (with charger)		\$660

Scale Options

1	Analog scale connection	\$0
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Future Options

0	Standard	\$0
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BBA429 Compact Scale

Interface Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	Standard (RS232)		\$0
02	Standard plus Digital I/O		\$440
04	Standard plus USB		\$440
05	Standard plus Ethernet		\$440
11	Standard plus WLAN		\$660

BBA429 Accessories - General

22001967	4 I/O external relay module for Digital I/O option		Call
22011967	Relay 4		\$330
22003712	24 VDC external Power Supply unit for relay module (120 VAC)		\$313
22013992	BBA4x9 Protective Covers - Set of 3		\$41
21203903	W&M Certification Kit (Sealing kit for legal-for-trade applications)		\$49

BBA429 Accessories - Cables/Cable Adapters

504376	3 m RS232 Serial cable - 8 pin DIN to DB9 Female connector		\$110
504755	3 m RS232 Serial cable - 8 pin DIN to DB25 Male connector		Call
504458	10 m Digital I/O Cable (8 pin DIN to 19 pin Male connector)	(required for I/O option)	\$176
22006268	0.2 m USB Cable Adapter with Type A USB socket		\$72
22007713	3.0 m USB Cable Adapter with Type A USB socket		\$94
64057263	10 ft Type A USB Cable		\$35
205247	5 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$176
208152	20 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$429

BBA429 Accessories - Stands / Carts and Special Tops

503632	Wheeled SS stand - 400 mm (W) x 500 mm (L) x 560 mm (H) - B size, open top		\$578
504854	Wheeled SS stand - 600 mm (W) x 800 mm (L) x 560 mm (H) - CC size, open top		\$854
09240070000	Stainless Steel cart, solid top with holes for 9 in, 12 in, 18 in platform dimensions	45 lb	\$971
503640	Galvanized Roller Track - 16 in x 20 in / 400 mm x 500 mm		\$453
22012638	Galvanized Roller Track - 20 in x 26 in / 500 mm x 650 mm		\$600
504852	Galvanized Roller Track - 24 in x 32 in / 600 mm x 800 mm		\$822
22001647	Stainless Steel Roller Track - 16 in x 20 in / 400 mm x 500 mm		\$566
22012799	Stainless Steel Roller Track - 20 in x 26 in / 500 mm x 650 mm		\$1,000
22001648	Stainless Steel Roller Track - 24 in x 32 in / 600 mm x 800 mm		\$1,070

BBA429 Accessories - 316 Stainless Steel Platters

	22008763	316 SS Platter 229 mm x 229 mm	Add platter to platform as a second item. Factory will substitute original with 316 platter. Price for option is additional to platform price.	Call
	22010287	316 SS Platter 240 mm x 300 mm		Call
	22010288	316 SS Platter 300 mm x 400 mm		Call
	22008764	316 SS Platter 305 mm x 305 mm		Call
	22010289	316 SS Platter 400 mm x 500 mm		Call
	22008765	316 SS Platter 457 mm x 457 mm		Call
	22010290	316 SS Platter 500 mm x 650 mm		Call
	22010291	316 SS Platter 600 mm x 800 mm		Call

BBA429 Documentation

22013821A	BBA4x9 / IND4x9 Installation Guide (English)	\$8.25
22013801A	BBA429 / IND429 User Manual (English)	\$11.55
22013973A	BBA4x9 / IND4x9 Quick Guide (Multi-lingual)	\$8.25
22013826A	BBA4x9 / IND4x9 Service Manual (English)	\$8.25
IN03457.OE	BBA4x9 / IND4x9 Literature (English)	\$0.00

 Built to order product. Lead time is 3-4 weeks.

BBA439check

Checkweigher



BBA439

APPLIED

Approvals:

- NTEP Class III COC #07-030A, Measurement Canada Approval #AM-5615, OIML
- EHEDG, NSF, GMP, certified

Standard Features:

- IP69k protected
- Full Stainless Steel enclosure
- LCD display
- 10 keys with tactile feedback
- RS232 serial interface
- Zone setting
- Taring
- Unit switching
- Printing/Data transfer
- MinWeigh
- Checkweighing (3 modes)
- 99 target memories
- Graphic indication of weight
- COLOR WEIGHT® display
- Quick calibration
- 6 lb-60 lb include 1.5m/4.9ft cable
- 150-300 lb include 2.5m/8.2ft cable

Options

- Internal battery power (must be installed by the factory)
- External battery power
- Ethernet
- Digital I/O (4 in / 4 out)
- USB
- WLAN (must be installed by the factory)

BBA439check Model Configuration

Model	Size/Capacity	Software	Power	Scale	Future	Interface
BBA439	XXX	W	0,1,2	1	0	00,02,0 4,05,11
B B A 4 3 9	0 3 0	W	0	1	0	0 2

Ordering Information

Model Options

Order Number	Platform Size mm (in)	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA439003W	240 x 300 (9.5" x 12") - A	6 x 0.0002 lb / 3 kg x 0.5 g	N/A	21 lb	\$2,662
BBA439006W		15 x 0.002 lb / 6 kg x 1 g	10 x 0.002 lb / 5 kg x 1 g	21 lb	\$2,662
BBA439015W		30 x 0.005 lb / 15 kg x 2 g	20 x 0.005 lb / 10 kg x 2 g	21 lb	\$2,662
BBA439030W	300 x 400 (12" x 16") - BB	60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	28 lb	\$2,931
BBA439060W		150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	28 lb	\$2,931
BBA439B30W		60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	30 lb	\$3,415
BBA439B60W	400 x 500 (16" x 20") - B	150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	30 lb	\$3,415
BBA439150W		300 x 0.05 lb / 150 x 0.02 kg	200 x 0.05 lb / 100 x 0.02 kg	30 lb	\$3,415
BBA439Q06W	229 x 229 (9" x 9") - QA	15 x 0.002 lb / 6 kg x 1 g	10 x 0.002 lb / 5 kg x 1 g	19 lb	\$2,507
BBA439Q15W	305 x 305 (12" x 12") - QB	30 x 0.005 lb / 15 kg x 2 g	20 x 0.005 lb / 10 kg x 2 g	27 lb	\$2,807
BBA439Q30W		60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	27 lb	\$2,807
BBA439Q60W		150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	27 lb	\$2,807

Power Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	AC power only		\$0
1	Internal battery (with charger)		\$330
2	External battery (with charger)		\$660

Scale Options

1	Analog scale connection	\$0
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Future Options

0	Standard	\$0
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BBA439check Checkweigher

Interface Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	Standard (RS232)		\$0
02	Standard plus Digital I/O		\$440
04	Standard plus USB		\$440
05	Standard plus Ethernet		\$440
11	Standard plus WLAN		\$660

BBA439check Accessories - General

22011967	Relay 4		Call
22003712	24 VDC external Power Supply unit for relay module (120 VAC)		\$313
22013992	BBA4x9 Protective Covers - Set of 3		\$41
21203903	W&M Certification Kit (Sealing kit for legal-for-trade applications)		\$49

BBA439check Accessories - Cables/Cable Adapters

504376	3 m RS232 Serial cable - 8 pin DIN to DB9 Female connector		\$110
504755	3 m RS232 Serial cable - 8 pin DIN to DB25 Male connector		Call
504458	10 m Digital I/O Cable (8 pin DIN to 19 pin Male connector) (required for I/O option)		\$176
22006268	0.2 m USB Cable Adapter with Type A USB socket		\$72
22007713	3.0 m USB Cable Adapter with Type A USB socket		\$94
64057263	10 ft Type A USB Cable		\$35
205247	5 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$176
208152	20 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$429

BBA439check Accessories - Stands / Carts and Special Tops

503632	Wheeled SS stand - 400 mm (W) x 500 mm (L) x 560 mm (H) - B size, open top		\$578
504854	Wheeled SS stand - 600 mm (W) x 800 mm (L) x 560 mm (H) - CC size, open top		\$854
09240070000	Stainless Steel cart, solid top with holes for 9 in, 12 in, 18 in platform dimensions	45 lb	\$971
503640	Galvanized Roller Track - 16 in x 20 in / 400 mm x 500 mm		\$453
22012638	Galvanized Roller Track - 20 in x 26 in / 500 mm x 650 mm		\$600
504852	Galvanized Roller Track - 24 in x 32 in / 600 mm x 800 mm		\$822
22001647	Stainless Steel Roller Track - 16 in x 20 in / 400 mm x 500 mm		\$566
22012799	Stainless Steel Roller Track - 20 in x 26 in / 500 mm x 650 mm		\$1,000
22001648	Stainless Steel Roller Track - 24 in x 32 in / 600 mm x 800 mm		\$1,070

BBA439check Accessories - 316 Stainless Steel Platters

	22008763	316 SS Platter 229 mm x 229 mm	Add platter to platform as a second item. Factory will substitute original with 316 platter. Price for option is additional to platform price.	Call
	22010287	316 SS Platter 240 mm x 300 mm		Call
	22010288	316 SS Platter 300 mm x 400 mm		Call
	22008764	316 SS Platter 305 mm x 305 mm		Call
	22010289	316 SS Platter 400 mm x 500 mm		Call
	22008765	316 SS Platter 457 mm x 457 mm		Call
	22010290	316 SS Platter 500 mm x 650 mm		Call
	22010291	316 SS Platter 600 mm x 800 mm		Call

BBA439check Documentation

22013821A	BBA4x9 / IND4x9 Installation Guide (English)	\$8.25
22015307	BBA439check / IND439check User Manual (English)	\$11.55
22013973A	BBA4x9 / IND4x9 Quick Guide (Multi-lingual)	\$8.25
22013826A	BBA4x9 / IND4x9 Service Manual (English)	\$8.25
IN03457.0E	BBA4x9 / IND4x9 Literature (English)	\$0.00

 Built to order product. Lead time is 3-4 weeks.

BBA449check+

Checkweigher/Counting Scale



BBA449

APPLIED

Approvals:

- NTEP Class III COC #07-030A, Measurement Canada Approval #AM-5615, OIML
- EHEDG, NSF, GMP, certified

Standard Features:

- IP69k protected
- Full Stainless Steel enclosure
- LCD display
- 25 keys with tactile feedback
- RS232 serial interface
- Numeric keypad
- Zone setting
- Taring
- Unit switching
- Printing/Data transfer
- MinWeigh
- Date / time
- Checkweighing (3 modes)
- Counting Software
- 99 target memories
- Graphic indication of weight
- COLOR WEIGHT® display
- Quick calibration
- TakeAway mode
- Identification (2 IDs)
- Recall gross, tare, resolution
- 6 lb-60 lb include 1.5m/4.9ft cable
- 150-300 lb include 2.5m/8.2ft cable
- Classification (5 colors)

Options

- Internal battery power (must be installed by the factory)
- External battery power
- Ethernet
- Digital I/O (4 in / 4 out)
- USB
- WLAN (must be installed by the factory)

BBA449check+ Model Configuration

Model	Size/Capacity	Software	Power	Scale	Future	Interface
BBA449	XXX	Z	0,1,2	1	0	00,02,0 4,05,11
B B A 4 4 9	0 3 0	Z	0	1	0	0 2

Ordering Information

Model Options

Order Number	Platform Size mm (in)	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA449003Z	240 x 300 (9.5" x 12") - A	6 x 0.0002 lb / 3 kg x 0.5 g	N/A	21 lb	\$2,875
BBA449006Z		15 x 0.002 lb / 6 kg x 1 g	10 x 0.002 lb / 5 kg x 1 g	21 lb	\$2,875
BBA449015Z		30 x 0.005 lb / 15 kg x 2 g	20 x 0.005 lb / 10 kg x 2 g	21 lb	\$2,875
BBA449030Z	300 x 400 (12" x 16") - BB	60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	28 lb	\$3,138
BBA449060Z		150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	28 lb	\$3,138
BBA449B30Z	400 x 500 (16" x 20") - B	60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	30 lb	\$3,611
BBA449B60Z		150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	30 lb	\$3,611
BBA449150Z		300 x 0.05 lb / 150 x 0.02 kg	200 x 0.05 lb / 100 x 0.02 kg	30 lb	\$3,611
BBA449Q06Z	229 x 229 (9" x 9") - QA	15 x 0.002 lb / 6 kg x 1 g	10 x 0.002 lb / 5 kg x 1 g	19 lb	\$2,819
BBA449Q15Z	305 x 305 (12" x 12") - QB	30 x 0.005 lb / 15 kg x 2 g	20 x 0.005 lb / 10 kg x 2 g	27 lb	\$2,688
BBA449Q30Z		60 x 0.01 lb / 30 kg x 5 g	50 x 0.01 lb / 25 kg x 5 g	27 lb	\$2,688
BBA449Q60Z		150 x 0.02 lb / 60 x 0.01 kg	100 x 0.02 lb / 50 x 0.01 kg	27 lb	\$2,688

Power Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	AC power only		\$0
1	Internal battery (with charger)		\$330
2	External battery (with charger)		\$660

Scale Options

1	Analog scale connection	\$0
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Future Options

0	Standard	\$0
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BBA449check+

Interface Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	Standard (RS232)		\$0
02	Standard plus Digital I/O		\$440
04	Standard plus USB		\$440
05	Standard plus Ethernet		\$440
11	Standard plus WLAN		\$660

BBA449check+ Accessories - General

22011967	Relay 4		Call
22003712	24 VDC external Power Supply unit for relay module (120 VAC)		\$313
22013992	BBA4x9 Protective Covers - Set of 3		\$41
21203903	W&M Certification Kit (Sealing kit for legal-for-trade applications)		\$49

BBA449check+ Accessories - Cables/Cable Adapters

504376	3 m RS232 Serial cable - 8 pin DIN to DB9 Female connector		\$110
504755	3 m RS232 Serial cable - 8 pin DIN to DB25 Male connector		Call
504458	10 m Digital I/O Cable (8 pin DIN to 19 pin Male connector)	(required for I/O option)	\$176
22006268	0.2 m USB Cable Adapter with Type A USB socket		\$72
22007713	3 m USB Cable Adapter with Type A USB socket		\$94
64057263	10 ft Type A USB Cable		\$35
205247	5 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$176
208152	20 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$429

BBA449check+ Accessories - Stands / Carts and Special Tops

503632	Wheeled SS stand - 400 mm (W) x 500 mm (L) x 560 mm (H) - B size, open top		\$578
504854	Wheeled SS stand - 600 mm (W) x 800 mm (L) x 560 mm (H) - CC size, open top		\$854
09240070000	Stainless Steel cart, solid top with holes for 9 in, 12 in, 18 in platforms	45 lb	\$971
503640	Galvanized Roller Track - 16" x 20" / 400 x 500 mm		\$453
22012638	Galvanized Roller Track - 20" x 26" / 500 x 650 mm		\$600
504852	Galvanized Roller Track - 24" x 32" / 600 x 800 mm		\$822
22001647	Stainless Steel Roller Track - 16" x 20" / 400 x 500 mm		\$566
22012799	Stainless Steel Roller Track - 20" x 26" / 500 x 650 mm		\$1,000
22001648	Stainless Steel Roller Track - 24" x 32" / 600 x 800 mm		\$1,070

BBA449check+ Accessories - 316 Stainless Steel Platters

	22008763	316 SS Platter 229 x 229 mm	Add platter to platform as a second item. Factory will substitute original with 316 platter. Price for option is additional to platform price.	Call
	22010287	316 SS Platter 240 x 300 mm		Call
	22010288	316 SS Platter 300 x 400 mm		Call
	22008764	316 SS Platter 305 x 305 mm		Call
	22010289	316 SS Platter 400 x 500 mm		Call
	22008765	316 SS Platter 457 x 457 mm		Call
	22010290	316 SS Platter 500 x 650 mm		Call
	22010291	316 SS Platter 600 x 800 mm		Call

BBA449check+ Documentation

22013821A	BBA4x9 / IND4x9 Installation Guide (English)	\$8.25
22015313	BBA449check+ / IND449check+ User Manual (English)	\$11.55
22013973A	BBA4x9 / IND4x9 Quick Guide (Multi-lingual)	\$8.25
22013826A	BBA4x9 / IND4x9 Service Manual (English)	\$8.25
IN03457.0E	BBA4x9 / IND4x9 Literature (English)	\$0.00

 Built to order product. Lead time is 3-4 weeks.

SPEEDWEIGH®

Over/Under Scales



SPEEDWEIGH

COMMERCIAL

Approvals:

- NTEP Class III, 5000d, COC #98-110, Measurement Canada Approval #AM-5260, Rev. 2

Standard Features:

- Stainless Steel, TYPE 4X construction - NOT FOR HEAVY WASHDOWN - use TRIMWEIGH III
- Simple, 6 button over/under scale with user-friendly interface
- 2 stored targets, plus quick shot target
- 6.5 ft (2 m) loadcell cable design (9 in/12 in bases), 10 ft (3 m) (18 in bases)

Ordering Information

SPEEDWEIGH Checkweighing Scales - Column Mount, No Platter Lip

Order Number	Platform Size	Overall Height	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
SW06P000	9" x 9"	17"	6 kg x 1 g	5 kg x 1 g	22 lb	\$1,317
SW06PT000			15 x 0.002 lb	10 x 0.002 lb	22 lb	\$1,437
SW15P000	12" x 12"	24"	15 kg x 2 g	10 kg x 2 g	30 lb	\$1,505
SW15PT000			30 x 0.005 lb	25 x 0.005 lb	30 lb	\$1,624
SW30P000			30 kg x 5 g	25 kg x 5 g	30 lb	\$1,505
SW30PT000			60 x 0.01 lb	50 x 0.01 lb	30 lb	\$1,624
SW60P000			60 kg x 10 g	50 kg x 10 g	30 lb	\$1,593
SW60PT000			120 x 0.02 lb	100 x 0.02 lb	30 lb	\$1,624
SW75P000	18" x 18"	24"	75 kg x 0.01 kg	50 kg x 0.01 g	40 lb	\$2,493
SW75PT000			150 x 0.02 lb	100 x 0.02 lb	40 lb	\$2,610
SW150P000			150 kg x 0.02 kg	100 kg x 0.02 kg	40 lb	\$2,493
SW150PT000			300 x 0.05 lb	250 x 0.05 lb	40 lb	\$2,610

SPEEDWEIGH Checkweighing Scales - Column Mount, Platter Lip Included

SW06000	9" x 9"	17"	6 kg x 1 g	5 kg x 1 g	22 lb	\$1,363
SW06T000			15 x 0.002 lb	10 x 0.002 lb	22 lb	\$1,482
SW15000	12" x 12"	24"	15 kg x 2 g	10 kg x 2 g	30 lb	\$1,551
SW15T000			30 x 0.005 lb	25 x 0.005 lb	30 lb	\$1,670
SW30000			30 kg x 5 g	25 kg x 5 g	30 lb	\$1,551
SW30T000			60 x 0.01 lb	50 x 0.01 lb	30 lb	\$1,670
SW60000			60 kg x 10 g	50 kg x 10 g	30 lb	\$1,639
SW60T000			120 x 0.02 lb	100 x 0.02 lb	30 lb	\$1,670
SW75000	18" x 18"	24"	75 kg x 0.01 kg	50 kg x 0.01 g	40 lb	\$2,540
SW75T000			150 x 0.02 lb	100 x 0.02 lb	40 lb	\$2,656
SW150000			150 kg x 0.02 kg	100 kg x 0.02 kg	40 lb	\$2,540
SW150T000			300 x 0.05 lb	250 x 0.05 lb	40 lb	\$2,656

SPEEDWEIGH Checkweighing Scales - Wall Mount, No Platter Lip

SW06W000	9" x 9"	3" Platform	6 kg x 1 g / 15 x 0.002 lb	5 kg x 1 g / 10 x 0.002 lb	22 lb	\$1,317
SW15W000	12" x 12"	3" Platform	15 kg x 2 g / 30 x 0.005 lb	10 kg x 2 g / 25 x 0.005 lb	30 lb	\$1,505
SW30W000			30 kg x 5 g / 60 x 0.01 lb	25 kg x 5 g / 50 x 0.01 lb	30 lb	\$1,505
SW60W000			60 kg x 10 g / 120 x 0.02 lb	50 kg x 10 g / 100 x 0.02 lb	30 lb	\$1,505
SW75W000	18" x 18"	4" Platform	75 x 0.01 kg / 150 x 0.02 lb	50 x 0.01 kg / 100 x 0.02 lb	40 lb	\$2,493
SW150W000			150 x 0.02 kg / 300 x 0.05 lb	100 x 0.02 kg / 250 x 0.05 lb	40 lb	\$2,493

Note: All models with "T" in Order Number include indicator mounted toggle switch.



SPEEDWEIGH PLUS



SPEEDWEIGH® PLUS

Over/Under Scales

COMMERCIAL

Approvals:

- NTEP Class III, 5000d, COC #98-110, Measurement Canada Approval #AM-5260, Rev. 2

Standard Features:

- Stainless Steel, TYPE 4X construction - NOT FOR HEAVY WASHDOWN - use TRIMWEIGH III
- Full numeric keyboard with user-friendly interface
- 10 stored targets
- 6.5 ft (2 m) loadcell cable design (9 in/12 in bases), 10 ft (3 m) (18 in bases)

Ordering Information**SPEEDWEIGH PLUS Checkweighing Scales - Column Mount, No Platter Lip**

Order Number	Platform Size	Overall Height	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
SW06KP000	9" x 9"	17"	6 kg x 1 g	5 kg x 1 g	22 lb	\$1,472
SW06KTP000			15 x 0.002 lb	10 x 0.002 lb	22 lb	\$1,593
SW15KP000	12" x 12"	24"	15 kg x 2 g	10 kg x 2 g	30 lb	\$1,661
SW15KTP000			30 x 0.005 lb	25 x 0.005 lb	30 lb	\$1,710
SW30KP000			30 kg x 5 g	25 kg x 5 g	30 lb	\$1,661
SW30KTP000			60 x 0.01 lb	50 x 0.01 lb	30 lb	\$1,781
SW60KP000			60 kg x 10 g	50 kg x 10 g	30 lb	\$1,661
SW60KPT000			120 x 0.02 lb	100 x 0.02 lb	30 lb	\$1,781
SW75KP000	18" x 18"	24"	75 kg x 0.01 kg	50 kg x 0.01 g	40 lb	\$2,683
SW75KPT000			150 x 0.02 lb	100 x 0.02 lb	40 lb	\$2,798
SW150KP000			150 kg x 0.02 kg	100 kg x 0.02 kg	40 lb	\$2,683
SW150KPT000			300 x 0.05 lb	250 x 0.05 lb	40 lb	\$2,798

SPEEDWEIGH PLUS Checkweighing Scales - Column Mount, Platter Lip Included

SW06K000	9" x 9"	17"	6 kg x 1 g	5 kg x 1 g	22 lb	\$1,520
SW06KT000			15 x 0.002 lb	10 x 0.002 lb	22 lb	\$1,639
SW15K000	12" x 12"	24"	15 kg x 2 g	10 kg x 2 g	30 lb	\$1,708
SW15KT000			30 x 0.005 lb	25 x 0.005 lb	30 lb	\$1,756
SW30K000			30 kg x 5 g	25 kg x 5 g	30 lb	\$1,708
SW30KT000			60 x 0.01 lb	50 x 0.01 lb	30 lb	\$1,826
SW60K000			60 kg x 10 g	50 kg x 10 g	30 lb	\$1,708
SW60KT000			120 x 0.02 lb	100 x 0.02 lb	30 lb	\$1,826
SW75K000	18" x 18"	24"	75 kg x 0.01 kg	50 kg x 0.01 g	40 lb	\$2,728
SW75KT000			150 x 0.02 lb	100 x 0.02 lb	40 lb	\$2,843
SW150K000			150 kg x 0.02 kg	100 kg x 0.02 kg	40 lb	\$2,728
SW150KT000			300 x 0.05 lb	250 x 0.05 lb	40 lb	\$2,843

SPEEDWEIGH PLUS Checkweighing Scales - Wall Mount, No Platter Lip

SW06KW000	9" x 9"	3" Platform	6 kg x 1 g / 15 x 0.002 lb	5 kg x 1 g / 10 x 0.002 lb	22 lb	\$1,472
SW15KW000	12" x 12"	3" Platform	15 kg x 2 g / 30 x 0.005 lb	10 kg x 2 g / 25 x 0.005 lb	30 lb	\$1,661
SW30KW000			30 kg x 5 g / 60 x 0.01 lb	25 kg x 5 g / 50 x 0.01 lb	30 lb	\$1,661
SW60KW000			60 kg x 10 g / 120 x 0.02 lb	50 kg x 10 g / 100 x 0.02 lb	30 lb	\$1,661
SW75KW000	18" x 18"	4" Platform	75 x 0.01 kg / 150 x 0.02 lb	50 x 0.01 kg / 100 x 0.02 lb	40 lb	\$2,683
SW150KW000			150 x 0.02 kg / 300 x 0.05 lb	100 x 0.02 kg / 250 x 0.05 lb	40 lb	\$2,683

Note: All models with "T" in Order Number include Indicator mounted toggle switch.

TRIMWEIGH III

Analog Bench Scales



TRIMWEIGH III

APPLIED

Approvals:

- NTEP, Class III, 5000d, COC #02-124, Measurement Canada Approval #AM-5491

Standard Features:

- Extremely durable Stainless Steel base
- HACCP sensitive sanitary design
- Swivel and tilt indicator column
- 10 ft load cell cable length
- Stainless Steel IP69k indicator for demanding washdown applications
- Stored targets: 6 button keypad, 2 stored targets, plus quick shot target
- Hermetically sealed, Stainless Steel load cell

Ordering Information

TRIMWEIGH III Checkweighing Series - 6 Button Keypad

Order Number	Platform Size / Height	Overall Height	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
TW1N006B000	9" x 9" / 3.6" - 4.6"	17"	6 kg x 1 g	5 kg x 1 g	25 lb	\$1,756
TWWN006B000		Wall bracket	15 x 0.002 lb	10 x 0.002 lb	21 lb	\$1,756
TW2N015B000		24"	15 kg x 2 g	10 kg x 2 g	35 lb	\$1,978
TWWN015B000		Wall bracket	30 x 0.005 lb	25 x 0.005 lb	30 lb	\$1,978
TW2N030B000	12" x 12" / 3.9"-4.9"	24"	30 kg x 5 g	25 kg x 5 g	35 lb	\$1,978
TWWN030B000		Wall bracket	60 x 0.01 lb	50 x 0.01 lb	30 lb	\$1,978
TW2N060B000		24"	60 kg x 10 g	50 kg x 10 g	35 lb	\$1,978
TWWN060B000		Wall bracket	150 x 0.02 lb	100 x 0.02 lb	30 lb	\$1,978
TW2N060L000		24"	60 kg x 10 g	50 kg x 10 g	66 lb	\$2,596
TWWN060L000	18" x 18" / 4.7"-5.7"	Wall bracket	150 x 0.02 lb	100 x 0.02 lb	61 lb	\$2,596
TW2N150B000		24"	150 kg x 20 g	100 kg x 20 g	66 lb	\$2,596
TWWN150B000		Wall bracket	300 x 0.05 lb	250 x 0.05 lb	61 lb	\$2,596
TW2N060P000		24"	60 kg x 10 g	50 kg x 10 g	73 lb	\$2,859
TWWN060P000	18" x 24" / 4.7"-5.7"	Wall bracket	150 x 0.02 lb	100 x 0.02 lb	68 lb	\$2,859
TW2N150P000		24"	150 kg x 20 g	100 kg x 20 g	73 lb	\$2,859
TWWN150P000		Wall bracket	300 x 0.05 lb	250 x 0.05 lb	68 lb	\$2,859

TRIMWEIGH III Checkweighing Series - 6 Button Keypad with Toggle Switch (Factory Installed)

TW1T006B000	9" x 9" / 3.6" - 4.6"	17"	6 kg x 1 g	5 kg x 1 g	25 lb	\$1,866
TWWT006B000		Wall bracket	15 x 0.002 lb	10 x 0.002 lb	21 lb	\$1,866
TW2T015B000		24"	15 kg x 2 g	10 kg x 2 g	35 lb	\$2,089
TWWT015B000		Wall bracket	30 x 0.005 lb	25 x 0.005 lb	30 lb	\$2,089
TW2T030B000	12" x 12" / 3.9"-4.9"	24"	30 kg x 5 g	25 kg x 5 g	35 lb	\$2,089
TWWT030B000		Wall bracket	60 x 0.01 lb	50 x 0.01 lb	30 lb	\$2,089
TW2T060B000		24"	60 kg x 10 g	50 kg x 10 g	35 lb	\$2,089
TWWT060B000		Wall bracket	150 x 0.02 lb	100 x 0.02 lb	30 lb	\$2,089
TW2T060L000		24"	60 kg x 10 g	50 kg x 10 g	66 lb	\$2,708
TWWT060L000	18" x 18" / 4.7"-5.7"	Wall bracket	150 x 0.02 lb	100 x 0.02 lb	61 lb	\$2,708
TW2T150B000		24"	150 kg x 20 g	100 kg x 20 g	66 lb	\$2,708
TWWT150B000		Wall bracket	300 x 0.05 lb	250 x 0.05 lb	61 lb	\$2,708
TW2T060P000		24"	60 kg x 10 g	50 kg x 10 g	73 lb	\$2,970
TWWT060P000	18" x 24" / 4.7"-5.7"	Wall bracket	150 x 0.02 lb	100 x 0.02 lb	68 lb	\$2,970
TW2T150P000		24"	150 kg x 20 g	100 kg x 20 g	73 lb	\$2,970
TWWT150P000		Wall bracket	300 x 0.05 lb	250 x 0.05 lb	68 lb	\$2,970

Note: To upgrade a TRIMWEIGH III with a BBA4x9 Tower w/ Integrated Terminal, refer to page BP-30



TRIMWEIGH III

Analog Bench Scales

TRIMWEIGH III

APPLIED
Approvals:

- NTEP, Class III, 5000d, COC #02-124

Standard Features:

- Extremely durable Stainless Steel base
- HACCP sensitive sanitary design
- Swivel and tilt indicator column
- 10 ft load cell cable length
- Stainless Steel IP69k indicator for demanding washdown applications
- Stored targets: 18 button keypad, 10 stored targets, plus quick shot target
- Hermetically sealed, Stainless Steel load cell

Ordering Information
TRIMWEIGH III Checkweighing Series - 18 Button Keypad

Order Number	Platform Size / Height	Overall Height	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
TW1K006B000	9" x 9" / 3.6"-4.6"	17"	6 kg x 1 g	5 kg x 1 g	25 lb	\$1,945
TWWK006B000		Wall bracket	15 x 0.002 lb	10 x 0.002 lb	21 lb	\$1,945
TW2K015B000		24"	15 kg x 2 g	10 kg x 2 g	35 lb	\$2,167
TWWK015B000		Wall bracket	30 x 0.005 lb	25 x 0.005 lb	30 lb	\$2,167
TW2K030B000	12" x 12" / 3.9"-4.9"	24"	30 kg x 5 g	25 kg x 5 g	35 lb	\$2,167
TWWK030B000		Wall bracket	60 x 0.01 lb	50 x 0.01 lb	30 lb	\$2,167
TW2K060B000		24"	60 kg x 10 g	50 kg x 10 g	35 lb	\$2,167
TWWK060B000		Wall bracket	150 x 0.02 lb	100 x 0.02 lb	30 lb	\$2,167
TW2K060L000		24"	60 kg x 10 g	50 kg x 10 g	66 lb	\$2,793
TWWK060L000	18" x 18" / 4.7"-5.7"	Wall bracket	150 x 0.02 lb	100 x 0.02 lb	61 lb	\$2,793
TW2K150B000		24"	150 kg x 20 g	100 kg x 20 g	66 lb	\$2,793
TWWK150B000		Wall bracket	300 x 0.05 lb	250 x 0.05 lb	61 lb	\$2,793
TW2K060P000		24"	60 kg x 10 g	50 kg x 10 g	73 lb	\$3,054
TWWK060P000	18" x 24" / 4.7"-5.7"	Wall bracket	150 x 0.02 lb	100 x 0.02 lb	68 lb	\$3,054
TW2K150P000		24"	150 kg x 20 g	100 kg x 20 g	73 lb	\$3,054
TWWK150P000		Wall bracket	300 x 0.05 lb	250 x 0.05 lb	68 lb	\$3,054

TRIMWEIGH III Checkweighing Series - 18 Button Keypad with Toggle Switch (Factory Installed)

TW1P006B000	9" x 9" / 3.6"-4.6"	17"	6 kg x 1 g	5 kg x 1 g	25 lb	\$2,056
TWWP006B000		Wall bracket	15 x 0.002 lb	10 x 0.002 lb	21 lb	\$2,056
TW2P015B000		24"	15 kg x 2 g	10 kg x 2 g	35 lb	\$2,279
TWWP015B000		Wall bracket	30 x 0.005 lb	25 x 0.005 lb	30 lb	\$2,279
TW2P030B000	12" x 12" / 3.9"-4.9"	24"	30 kg x 5 g	25 kg x 5 g	35 lb	\$2,279
TWWP030B000		Wall bracket	60 x 0.01 lb	50 x 0.01 lb	30 lb	\$2,279
TW2P060B000		24"	60 kg x 10 g	50 kg x 10 g	35 lb	\$2,279
TWWP060B000		Wall bracket	150 x 0.02 lb	100 x 0.02 lb	30 lb	\$2,279
TW2P060L000		24"	60 kg x 10 g	50 kg x 10 g	66 lb	\$2,904
TWWP060L000	18" x 18" / 4.7"-5.7"	Wall bracket	150 x 0.02 lb	100 x 0.02 lb	61 lb	\$2,904
TW2P150B000		24"	150 kg x 20 g	100 kg x 20 g	66 lb	\$2,904
TWWP150B000		Wall bracket	300 x 0.05 lb	250 x 0.05 lb	61 lb	\$2,904
TW2P060P000		24"	60 kg x 10 g	50 kg x 10 g	73 lb	\$3,165
TWWP060P000	18" x 24" / 4.7"-5.7"	Wall bracket	150 x 0.02 lb	100 x 0.02 lb	68 lb	\$3,165
TW2P150P000		24"	150 kg x 20 g	100 kg x 20 g	73 lb	\$3,165
TWWP150P000		Wall bracket	300 x 0.05 lb	250 x 0.05 lb	68 lb	\$3,165

Note: To upgrade a TRIMWEIGH III with a BBA4x9 Tower w/ Integrated Terminal, refer to page BP-30

TRIMWEIGH III Analog Bench Scales

Trimweigh III Accessories - Upgrade BBA4x9 Towers

Order Number	Description		Shipping Weight (lb)	Suggested List Price (CDN\$)
22014869	BBA429 Tower w/ Integrated Terminal (AC power) (requires TWKOP01)		6 lb	\$1,146
22014870	BBA429 Tower w/ Integrated Terminal (Battery power) (requires TWKOP01)		6 lb	\$1,506
22014871	BBA439 Tower w/ Integrated Terminal (AC power) (requires TWKOP01)		6 lb	\$1,265
22014872	BBA439 Tower w/ Integrated Terminal (Battery power) (requires TWKOP01)		6 lb	\$1,627
22014873	BBA449 Tower w/ Integrated Terminal (AC power) (shown below) (requires TWKOP01)		6 lb	\$1,385
22014874	BBA449 Tower w/ Integrated Terminal (Battery power) (requires TWKOP01)		6 lb	\$1,747
TWKOP01	BBA4x9 Terminal/Tower Adapter for TRIMWEIGH III / WH base		-	\$82
09240070000	Stainless Steel cart, solid top with holes for 9", 12", 18" platforms 28"L x 24"W x 30.5"H			\$971
09170246000	Analog output option			\$468



22014873 - BBA449 Tower
w/ Integrated Terminal (AC power)



XMC/XWS/XWT



XMC/XWS/XWT

Base

Mild or Stainless Steel

ECONOMY

Approvals:

- FCC, ISO9001

Standard Features:

- Welded mild or stainless steel construction
- Stainless steel 304 platter
- MS base load cells: Single point, aluminum, potted
- SS base load cells: Single point, stainless steel, potted
- Load cell cable: XMC: 3.3 ft, XWS and XWT: 6.5 ft
- 150% of capacity safety overload

Ordering Information

XMC/XWS/XWT Base - Mild Steel

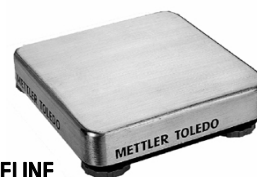
Order Number	Model	Capacity	Resolution	Platform Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207647	XMC03	5 lb	0.001 lb	9" x 9"	8.8 lb	\$439
71207648	XMC06	10 lb	0.002 lb	9" x 9"	8.8 lb	\$439
71207649	XMC15	25 lb	0.005 lb	9" x 9"	8.8 lb	\$439
71207650	XWS30R	50 lb	0.01 lb	12" x 14"	30.8 lb	\$505
71207651	XWS60R	100 lb	0.02 lb	12" x 14"	30.8 lb	\$505
71207652	XWS60M	100 lb	0.02 lb	16" x 20"	55 lb	\$629
71207653	XWS150M	250 lb	0.05 lb	16" x 20"	55 lb	\$629
71207654	XWT150M	250 lb	0.05 lb	20" x 28"	88 lb	\$883
71207655	XWT300M	500 lb	0.1 lb	20" x 28"	88 lb	\$883

XMC/XWS/XWT Base - Stainless Steel

Order Number	Model	Capacity	Resolution	Platform Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207658	XMC03S	5 lb	0.001 lb	9" x 9"	11 lb	\$499
71207659	XMC06S	10 lb	0.002 lb	9" x 9"	11 lb	\$499
71207660	XMC15S	25 lb	0.005 lb	9" x 9"	11 lb	\$499
71207661	XWS30RS	50 lb	0.01 lb	12" x 14"	30.8 lb	\$648
71207662	XWS60RS	100 lb	0.02 lb	12" x 14"	30.8 lb	\$648
71207663	XWS60MS	100 lb	0.02 lb	16" x 20"	55 lb	\$876
71207664	XWS150MS	250 lb	0.05 lb	16" x 20"	55 lb	\$876
71207665	XWT150MS	250 lb	0.05 lb	20" x 28"	88 lb	\$1,254
71207666	XWT300MS	500 lb	0.1 lb	20" x 28"	88 lb	\$1,254

BASELINE™ CBx

Analog Scale Bases



BASELINE

COMMERCIAL

Approvals:

- NTEP Class III, 5000d, COC #02-081, Measurement Canada Approval MAL-AM-5500
- Factory Mutual (FM) - CB--X units only

Standard Features:

- X-versions are FM approved
- 304 Stainless Steel platter
- Painted steel construction
- Six overload stops
- Single point loadcell
- 6.5 ft (2 m) loadcell cable design (12" base), 10 ft (3 m) (18" base)

Ordering Information

BASELINE CBx Hazardous Area Scale Bases

Order Number	Platform Size	Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Shipping Weight (lb)	Suggested List Price (CDN\$)
CB60X	12" x 12" x 3.5"	60 kg	60 kg/120 lb	0.01 kg/0.02 lb	20 lb	\$951
CB150X	18" x 18" x 3.5"	150 kg	150 kg/300 lb	0.02 kg/0.05 lb	59 lb	\$1,202

BASELINE CBx Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
09240070000	Stainless Steel Cart, solid top with holes for 9", 12", 18" platforms 28"L x 24"W x 30.5"H	45 lb	\$971
A082534020	Plastic splice box for extending load cell cable (TYPE 4X)	2 lb	\$95
TB100448	Stainless Steel splice box for extending load cell cable	2 lb	\$220

BASELINE CBx Accessories - Columns

1438950TC	12" Stainless Steel cylindrical column	(requires 64056496)	5 lb	\$140
1449210TC	19.5" Stainless Steel cylindrical column	(requires 64056496)	6 lb	\$184
1438940TC	40" Stainless Steel cylindrical column	(requires 64056496)	10 lb	\$310
64056496	Column Adapter with M8 hole (for 1438950TC, 1449210TC and 1438940TC)		-	\$30
72198699	Column, CS, open back rectangular, 13"/330 mm, flat top, tapped M8 hole			\$90
72198700	Column, CS, open back rectangular, 26"/660 mm, flat top, tapped M8 hole			\$105
72198701	Column, CS, open back rectangular, 35.5"/900 mm, flat top, tapped M8 hole			\$123
72198702	Column, SS, open back rectangular, 13"/330 mm, flat top, tapped M8 hole			\$123
72198703	Column, SS, open back rectangular, 26"/660 mm, flat top, tapped M8 hole			\$142
72198704	Column, SS, open back rectangular, 35.5"/900 mm, flat top, tapped M8 hole			\$163

BASELINE CBx Accessories - Special Tops

71145009	Roller conveyor, galvanized rollers, painted Mild Steel, 12" x 12"/305 x 305 mm	\$300
72198689	Roller conveyor, galvanized rollers, painted Mild Steel, 18" x 18"/457 x 457 mm	\$325
72198694	Ball top, galvanized balls, painted Mild Steel, 18" x 18"/457 x 457 mm	\$348



BASELINE CBUx



BASELINE™ CBUx Ultra

Analog Scale Bases

APPLIED

Approvals:

- NTEP Class III, 10,000d, COC #02-081, Measurement Canada Approval MAL-AM-5500
- Factory Mutual (FM) approved (all CBU versions)

Standard Features:

- All CBU are FM approved
- 304 Stainless Steel platter
- Painted steel construction
- Six overload stops
- Single point loadcell
- 6.5 ft (2 m) loadcell cable design (9"/12" bases), 10 ft (3 m) (18"/24" bases)

Ordering Information**BASELINE CBUx Ultra Hazardous Area Scale Bases**

Order Number	Platform Size	Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Shipping Weight (lb)	Suggested List Price (CDN\$)
CBU6X	9" x 9" x 3.15"	6 kg	6 kg/15 lb	0.001 lb/0.0005 kg	12 lb	\$1,110
CBU15X	9" x 9" x 3.15"	15 kg	15 kg/30 lb	0.002 lb/0.001 kg	12 lb	\$1,110
CBU30X	12" x 12" x 3.5"	30 kg	30 kg/60 lb	0.005 lb/0.002 kg	20 lb	\$1,371
CBU60X	12" x 12" x 3.5"	60 kg	60 kg/120 lb	0.01 lb/0.005 kg	20 lb	\$1,371
CBU60LX	18" x 18" x 3.5"	60 kg	60 kg/120 lb	0.01 lb/0.005 kg	59 lb	\$1,762
CBU150X	18" x 18" x 3.5"	150 kg	150 kg/300 lb	0.02 lb/0.01 kg	59 lb	\$1,762
CBU300X	24" x 24" x 5.9"	300 kg	300 kg/600 lb	0.05 lb/0.02 kg	88 lb	\$2,151

BASELINE CBUx Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
09240070000	Stainless Steel Cart, solid top with holes for 9", 12", 18" platforms 28"L x 24"W x 30.5"H	45 lb	\$971
A082534020	Plastic splice box for extending load cell cable (TYPE 4X)	2 lb	\$95
TB100448	Stainless Steel splice box for extending load cell cable	2 lb	\$220

BASELINE CBUx Accessories - Columns

1438950TC	12" Stainless Steel cylindrical column	(requires 64056496)	5 lb	\$140
1449210TC	19.5" Stainless Steel cylindrical column	(requires 64056496)	6 lb	\$184
1438940TC	40" Stainless Steel cylindrical column	(requires 64056496)	10 lb	\$310
64056496	Column Adapter with M8 hole (for 1438950TC, 1449210TC and 1438940TC)		-	\$30
72198699	Column, CS, open back rectangular, 13"/330 mm, flat top, tapped M8 hole			\$90
72198700	Column, CS, open back rectangular, 26"/660 mm, flat top, tapped M8 hole			\$105
72198701	Column, CS, open back rectangular, 35.5"/900 mm, flat top, tapped M8 hole			\$123
72198702	Column, SS, open back rectangular, 13"/330 mm, flat top, tapped M8 hole			\$123
72198703	Column, SS, open back rectangular, 26"/660 mm, flat top, tapped M8 hole			\$142
72198704	Column, SS, open back rectangular, 35.5"/900 mm, flat top, tapped M8 hole			\$163

BASELINE CBUx Accessories - Special Tops

71145009	Roller conveyor, galvanized rollers, painted Mild Steel, 12" x 12"/305 x 305 mm			\$300
72198689	Roller conveyor, galvanized rollers, painted Mild Steel, 18" x 18"/457 x 457 mm			\$325
72198690	Roller conveyor, galvanized rollers, painted Mild Steel, 24" x 24"/610 x 610 mm			\$418
72198694	Ball top, galvanized balls, painted Mild Steel, 18" x 18"/457 x 457 mm			\$348
72198695	Ball top, galvanized balls, painted Mild Steel, 24" x 24"/610 x 610 mm			\$418

BASELINE™ WB

Analog Scale Bases



BASELINE



COMMERCIAL

Approvals:

- NTEP Class III, 5000d, COC #98-109, Measurement Canada Approval #AM-5259, Rev. 1
- Factory Mutual (FM) and CSA approved (X-versions)

Standard Features:

- 304 Stainless Steel Platter, no lip
- Stainless Steel, TYPE 4X construction - NOT FOR HEAVY WASHDOWN - use WH
- Six overload stops
- Single point loadcell
- 6.5 ft (2 m) loadcell cable design for 9"/12" bases, 10 ft (3 m) for 18" bases

Ordering Information

BASELINE WB Scale Bases

Order Number	Platform Size	Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Shipping Weight (lb)	Suggested List Price (CDN\$)
WB06000	9" x 9" x 3.2"	6 kg / 15 lb	6 kg / 15 lb	0.001 kg/0.0002 lb	16 lb	\$930
WB15000	12" x 12" x 3.2"	15 kg / 30 lb	15 kg / 30 lb	0.002 kg/0.005 lb	24 lb	\$1,054
WB30000	12" x 12" x 3.2"	30 kg / 60 lb	30 kg / 60 lb	0.005 kg/0.01 lb	24 lb	\$1,054
WB60000	12" x 12" x 3.2"	60 kg / 120 lb	60 kg / 120 lb	0.01 kg/0.02 lb	24 lb	\$1,054
WB75000	18" x 18" x 4"	75 kg / 150 lb	75 kg / 150 lb	0.01 kg/0.02 lb	34 lb	\$1,533
WB150000	18" x 18" x 4"	150 kg / 300 lb	150 kg / 300 lb	0.02 kg/0.05 lb	34 lb	\$1,533

BASELINE WBx Hazardous Area Scale Bases

WB06X000	9" x 9" x 3.2"	6 kg / 15 lb	6 kg / 15 lb	0.001 kg/0.0002 lb	16 lb	\$961
WB15X000	12" x 12" x 3.2"	15 kg / 30 lb	15 kg / 30 lb	0.002 kg/0.005 lb	24 lb	\$1,086
WB30X000	12" x 12" x 3.2"	30 kg / 60 lb	30 kg / 60 lb	0.005 kg/0.01 lb	24 lb	\$1,086
WB60X000	12" x 12" x 3.2"	60 kg / 120 lb	60 kg / 120 lb	0.01 kg/0.02 lb	24 lb	\$1,086
WB75X000	18" x 18" x 4"	75 kg / 150 lb	75 kg / 150 lb	0.01 kg/0.02 lb	34 lb	\$1,538
WB150X000	18" x 18" x 4"	150 kg / 300 lb	150 kg / 300 lb	0.02 kg/0.05 lb	34 lb	\$1,538

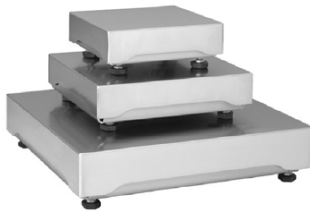
X-versions are FM approved

BASELINE WB and WBx Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
09240070000	Stainless Steel Cart, solid top with holes for 9", 12", 18" platforms 28"L x 24"W x 30.5"H	45 lb	\$971
A082534020	Plastic splice box for extending load cell cable (TYPE 4X)	2 lb	\$95
TB100448	Stainless Steel splice box for extending load cell cable	2 lb	\$220

BASELINE WB and WBx Accessories - Columns

1438950TC	12" Stainless Steel cylindrical column	(requires 64056496)	5 lb	\$140
1449210TC	19.5" Stainless Steel cylindrical column	(requires 64056496)	6 lb	\$184
1438940TC	40" Stainless Steel cylindrical column	(requires 64056496)	10 lb	\$310
64056496	Column Adapter with M8 hole (for 1438950TC, 1449210TC and 1438940TC)	-	-	\$30



BASELINE WH



BASELINE™ WH

Analog Scale Bases

APPLIED

Approvals:

- NTEP, Class III, 5000d, COC #02-098, Measurement Canada Approval #AM-5477

Standard Features:

- 304 Stainless Steel platter, no lip
- Stainless Steel IP69k heavy washdown construction, electro-polished finish
- Stainless Steel hermetically sealed loadcell
- Six overload stops
- 10 ft loadcell cable design

Ordering Information**BASELINE WH Scale Bases**

Order Number	Platform Size (in)	Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Shipping Weight (lb)	Suggested List Price (CDN\$)
WHN006B000	9" x 9" x 3.6"	6 kg / 15 lb	6 kg / 15 lb	0.001 kg/0.0002 lb	17 lb	\$1,344
WHN015B000	12" x 12" x 3.9"	15 kg / 30 lb	15 kg / 30 lb	0.002 kg/0.005 lb	26 lb	\$1,524
WHN030B000	12" x 12" x 3.9"	30 kg / 60 lb	30 kg / 60 lb	0.005 kg/0.01 lb	26 lb	\$1,524
WHN060B000	12" x 12" x 3.9"	60 kg / 120 lb	60 kg / 120 lb	0.01 kg/0.02 lb	26 lb	\$1,524
WHN060L000	18" x 18" x 4.7"	60 kg / 120 lb	60 kg / 120 lb	0.01 kg/0.02 lb	57 lb	\$2,095
WHN150B000	18" x 18" x 4.7"	150 kg / 300 lb	150 kg / 300 lb	0.02 kg/0.05 lb	57 lb	\$2,095
WHN060P000	18" x 24" x 4.7"	60 kg / 120 lb	60 kg / 120 lb	0.01 kg/0.02 lb	64 lb	\$2,359
WHN150P000	18" x 24" x 4.7"	150 kg / 300 lb	150 kg / 300 lb	0.02 kg/0.05 lb	64 lb	\$2,359

BASELINE WH Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
09240070000	Stainless Steel Cart, solid top with holes for 9", 12", 18" platforms 28"L x 24"W x 30.5"H	45 lb	\$971
A082534020	Plastic splice box for extending load cell cable (TYPE 4X)	2 lb	\$95
TB100448	Stainless Steel splice box for extending load cell cable	2 lb	\$220

BASELINE WH Accessories - Columns and Towers

1438950TC	12" Stainless Steel cylindrical column	(requires 64056496)	5 lb	\$140
1449210TC	19.5" Stainless Steel cylindrical column	(requires 64056496)	6 lb	\$184
1438940TC	40" Stainless Steel cylindrical column	(requires 64056496)	10 lb	\$310
64056496	Column Adapter with M8 hole (for 1438950TC, 1449210TC and 1438940TC)		-	\$30
22014869	BBA429 Tower w/ Integrated Terminal (AC power)	(requires TWKOP01)	6 lb	\$1,146
22014870	BBA429 Tower w/ Integrated Terminal (Battery power)	(requires TWKOP01)	6 lb	\$1,506
22014871	BBA439 Tower w/ Integrated Terminal (AC power)	(requires TWKOP01)	6 lb	\$1,265
22014872	BBA439 Tower w/ Integrated Terminal (Battery power)	(requires TWKOP01)	6 lb	\$1,627
22014873	BBA449 Tower w/ Integrated Terminal (AC power) (shown below)	(requires TWKOP01)	6 lb	\$1,385
22014874	BBA449 Tower w/ Integrated Terminal (Battery power)	(requires TWKOP01)	6 lb	\$1,747
TWKOP01	BBA4x9 Terminal/Tower Adapter for TRIMWEIGH III / WH base		-	\$82



22014873 - BBA449 Tower
w/ Integrated Terminal (AC power)

PBA430

Analog / IDNet Scale Bases Stainless Steel



PBA430

APPLIED

Approvals:

- USA: NTEP Class III, 5000d, COC #06-067 (except 3 kg & 600 kg capacities)
- Measurement Canada Approval #AM-5606 (except 3 kg & 600 kg capacities)
- OIML C3 D09-04.34 (708 load cell), D09-04.35 (709 load cell)
- NSF, EHEDG, GMP, FM certifications

Standard Features:

- 3 kg to 600 kg capacities
- Up to 30,000d readability (not legal for trade)
- Square and rectangular sizes
- 304 Stainless Steel platter, no lip
- IP68 & IP69k protection
- Electro-polished Stainless Steel frame (except CC size)
- Up to six overload stops
- Stainless Steel hermetically sealed model 708/709 loadcell



Options

- 316 Stainless Steel platter

Ordering Information

PBA430 Rectangular Platform

Order Number	Scale Type	Platform Size mm (in)	Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Cable Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
22010255	Analog	240 x 300 (9.5" x 12")	3 kg	N/A	N/A	1.5 m (4.9 ft)	15 lb	\$1,446
22010256	Analog		6 kg	5 kg / 10 lb	0.001 kg / 0.002 lb		15 lb	\$1,446
22016738	IDNet		6 kg	N/A	N/A		15 lb	\$2,023
22010257	Analog		15 kg	10 kg / 25 lb	0.002 kg / 0.005 lb		15 lb	\$1,446
22016739	IDNet		15 kg	N/A	N/A		15 lb	\$2,023
22010259	Analog	300 x 400 (12" x 16")	30 kg	25 kg / 50 lb	0.005 kg / 0.01 lb	2.5 m (8.2 ft)	20 lb	\$1,699
22016740	IDNet		30 kg	N/A	N/A		20 lb	\$2,277
22010260	Analog		60 kg	50 kg / 100 lb	0.01 kg / 0.02 lb		20 lb	\$1,699
22016741	IDNet		60 kg	N/A	N/A		20 lb	\$2,277
22010261	Analog	400 x 500 (16" x 20")	30 kg	25 kg / 50 lb	0.005 kg / 0.01 lb	1.5 m (4.9 ft)	34 lb	\$2,152
22016742	IDNet		30 kg	N/A	N/A		34 lb	\$2,731
22010262	Analog		60 kg	50 kg / 100 lb	0.01 kg / 0.02 lb	2.5 m (8.2 ft)	34 lb	\$2,152
22016743	IDNet		60 kg	N/A	N/A		34 lb	\$2,731
22010263	Analog		150 kg	100 kg / 250 lb	0.02 kg / 0.05 lb		34 lb	\$2,152
22016744	IDNet		150 kg	N/A	N/A		34 lb	\$2,731
22010264	Analog	500 x 600 (20" x 26")	60 kg	50 kg / 100 lb	0.01 kg / 0.02 lb	5.0 m (16.4 ft)	65 lb	\$2,659
22016745	IDNet		60 kg	N/A	N/A		65 lb	\$3,237
22010265	Analog		150 kg	100 kg / 250 lb	0.02 kg / 0.05 lb		65 lb	\$2,659
22016746	IDNet		150 kg	N/A	N/A		65 lb	\$3,237
22010266	Analog		300 kg	250 kg / 500 lb	0.05 kg / 0.1 lb		65 lb	\$2,659
22016747	IDNet		300 kg	N/A	N/A		65 lb	\$3,237

Built to order product. Lead time is 3-4 weeks.

PBA430

PBA430 Rectangular Platforms (continued)

Order Number	Scale Type	Platform Size mm (in)	Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Cable Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
22010267	Analog	600 x 800 (24" x 32")	60 kg	50 kg / 100 lb	0.01 kg / 0.02 lb	5.0 m (16.4 ft)	125 lb	\$3,508
 22016748	IDNet		60 kg	N/A	N/A		125 lb	\$4,087
22010268	Analog		150 kg	100 kg / 250 lb	0.02 kg / 0.05 lb		125 lb	\$3,508
 22016749	IDNet		150 kg	N/A	N/A		125 lb	\$4,087
22010269	Analog		300 kg	250 kg / 500 lb	0.05 kg / 0.1 lb		125 lb	\$3,508
 22016750	IDNet		300 kg	N/A	N/A		125 lb	\$4,087
22010270	Analog		600 kg	N/A	N/A		125 lb	\$3,508
 22016751	IDNet		600 kg	N/A	N/A		125 lb	\$4,087

PBA430 Square Platforms (continued)

22008757	Analog	229 x 229 (9" x 9")	6 kg	5 kg / 10 lb	0.001 kg / 0.002 lb	1.5 m (4.9 ft)	15 lb	\$1,483
22008758	Analog	305 x 305 (12" x 12")	15 kg	10 kg / 25 lb	0.002 kg / 0.005 lb		23 lb	\$1,681
 22016753	IDNet		15 kg	N/A	N/A		23 lb	\$2,259
22008759	Analog		30 kg	25 kg / 50 lb	0.005 kg / 0.01 lb		23 lb	\$1,681
 22016754	IDNet		30 kg	N/A	N/A		23 lb	\$2,259
22008760	Analog		60 kg	50 kg / 100 lb	0.01 kg / 0.02 lb	2.5 m (8.2 ft)	23 lb	\$1,681
 22016755	IDNet		60 kg	N/A	N/A		23 lb	\$2,259
22008761	Analog	457 x 457 (18" x 18")	60 kg	50 kg / 100 lb	0.01 kg / 0.02 lb		31 lb	\$2,313
 22016756	IDNet		60 kg	N/A	N/A		31 lb	\$2,890
22008762	Analog		150 kg	100 kg / 250 lb	0.02 kg / 0.05 lb		31 lb	\$2,313
 22016757	IDNet		150 kg	N/A	N/A		31 lb	\$2,890

PBA430 Accessories - Optional 316 Stainless Steel Platter

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
 22008763	316 SS Platter 229 x 229 mm	Add platter to platform as a second item. Factory will substitute original with 316 platter. Price for option is additional to platform price.	Call
 22010287	316 SS Platter 240 x 300 mm		Call
 22010288	316 SS Platter 300 x 400 mm		Call
 22008764	316 SS Platter 305 x 305 mm		Call
 22010289	316 SS Platter 400 x 500 mm		Call
 22008765	316 SS Platter 457 x 457 mm		Call
 22010290	316 SS Platter 500 x 650 mm		Call
 22010291	316 SS Platter 600 x 800 mm		Call

 Built to order product. Lead time is 3-4 weeks.

PBA430

PBA430 Accessories - Stands / Carts and Special Tops

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
503632	Wheeled SS stand - 400 mm (W) x 500 mm (L) x 560 mm (H) - B size, open top		\$578
504854	Wheeled SS stand - 600 mm (W) x 800 mm (L) x 560 mm (H) - CC size, open top		\$854
09240070000	Stainless Steel Cart, solid top with holes for 9", 12", 18" platforms 28"L x 24"W x 30.5"H	45 lb	\$971
503640	Galvanized Roller Track - 16" x 20" / 400 x 500 mm		\$453
22012638	Galvanized Roller Track - 20" x 26" / 500 x 650 mm		\$600
504852	Galvanized Roller Track - 24" x 32" / 600 x 800 mm		\$822
22001647	Stainless Steel Roller Track - 16" x 20" / 400 x 500 mm		\$566
22012799	Stainless Steel Roller Track - 20" x 26" / 500 x 650 mm		\$1,000
22001648	Stainless Steel Roller Track - 24" x 32" / 600 x 800 mm		\$1,070

PBA430 Accessories - Columns

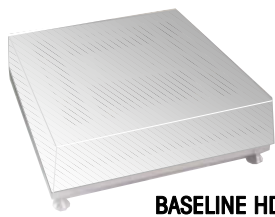
504128	Pillar support - square tube column to be mounted to scale stand - ID terminal		\$644
504132	40 in/1000 mm square tube SS Floor Stand with M8 hole *** (includes ID terminal bracket)		\$708
22014834	40 in/1000 mm square tube SS Floor Stand with M8 hole *** (includes IND4x9 bracket)		\$566
503701	Freestanding Stainless Steel Base Plate (Provides added stability - 18.5 x 18.5 in/ 470 x 470 mm)		\$368
22010334	330 mm square tube SS column with tapped M8 hole *** (includes ID terminal bracket)		\$343
22010332	330 mm square tube SS column with tapped M8 hole *** (includes Panther bracket)		\$343
22013964	330 mm square tube SS column with tapped M8 hole *** (includes IND4x9 bracket)		\$343
22010335	660 mm square tube SS column with tapped M8 hole *** (includes ID terminal bracket)		\$458
22010333	660 mm square tube SS column with tapped M8 hole *** (includes Panther bracket)		\$458
22013965	660 mm square tube SS column with tapped M8 hole *** (includes IND4x9 bracket)		\$458

*** for other terminals, purchase (1) desired column and (2) appropriate terminal bracket from Instrumentation section ***

22014869	BBA429 Tower w/ Integrated Terminal (AC power)	6 lb	\$1,146
22014870	BBA429 Tower w/ Integrated Terminal (Battery power)	6 lb	\$1,506
22014871	BBA439 Tower w/ Integrated Terminal (AC power)	6 lb	\$1,265
22014872	BBA439 Tower w/ Integrated Terminal (Battery power)	6 lb	\$1,627
22014873	BBA449 Tower w/ Integrated Terminal (AC power) (shown below)	6 lb	\$1,385
22014874	BBA449 Tower w/ Integrated Terminal (Battery power)	6 lb	\$1,747



22014873 - BBA449 Tower
w/ Integrated Terminal (AC power)



BASELINE HD



BASELINE™ HD

Analog Scale Bases

APPLIED

Approvals:

- NTEP Class III, 5000d, COC #99-013A1
- Measurement Canada Approval #AM-5289, Rev. 1
- Factory Mutual (FM) - all versions

Standard Features:

- Mild Steel with 304 Stainless Steel platter
- Heavy duty flexure support
- VERTEX® load cell "rocker pin" suspension
- 15 ft load cell cable

Accessories:

- Columns, brackets, Wheel Kit, Shim Kit

Ordering Information**BASELINE HD - Stainless Steel Platter Included**

Order Number	Platform Size	Construction	Standard Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Shipping Weight (lb)	Suggested List Price (CDN\$)
HD050PR	20" x 20" x 6"	Mild Steel	50 kg	100 lb/50 kg	0.02 lb/0.01 kg	100 lb	\$3,006
HD100PR	20" x 20" x 6"	Mild Steel	100 kg	250 lb/100 kg	0.05 lb/0.02 kg	100 lb	\$3,006
HD250PR	20" x 20" x 6"	Mild Steel	250 kg	500 lb/250 kg	0.1 lb/0.05 kg	100 lb	\$3,006
HD250PL	24" x 30" x 9"	Mild Steel	250 kg	500 lb/250 kg	0.1 lb/0.05 kg	345 lb	\$4,297
HD500PL	24" x 30" x 9"	Mild Steel	500 kg	1000 lb/500 kg	0.2 lb/0.1 kg	345 lb	\$4,297
HD050SR	20" x 20" x 6"	Stainless	50 kg	100 lb/50 kg	0.02 lb/0.01 kg	100 lb	\$3,553
HD100SR	20" x 20" x 6"	Stainless	100 kg	250 lb/100 kg	0.05 lb/0.02 kg	100 lb	\$3,553
HD250SR	20" x 20" x 6"	Stainless	250 kg	500 lb/250 kg	0.1 lb/0.05 kg	100 lb	\$3,553
HD250SL	24" x 30" x 9"	Stainless	250 kg	500 lb/250 kg	0.1 lb/0.05 kg	345 lb	\$5,228
HD500SL	24" x 30" x 9"	Stainless	500 kg	1000 lb/500 kg	0.2 lb/0.1 kg	345 lb	\$5,228

BASELINE HD - Platter Not Included (Order Custom Top Plate from the Following Section)

Order Number	Platform Size	Construction	Standard Maximum Capacity	Approved Maximum Capacity	Approved Minimum Readability	Shipping Weight (lb)	Suggested List Price (CDN\$)
HD050PA	20" x 20" x 6"	Mild Steel	50 kg	100 lb/50 kg	0.02 lb/0.01 kg	85 lb	\$2,858
HD100PA	20" x 20" x 6"	Mild Steel	100 kg	250 lb/100 kg	0.05 lb/0.02 kg	85 lb	\$2,858
HD250PA	20" x 20" x 6"	Mild Steel	250 kg	500 lb/250 kg	0.1 lb/0.05 kg	85 lb	\$2,858
HD250PB	24" x 30" x 9"	Mild Steel	250 kg	500 lb/250 kg	0.1 lb/0.05 kg	320 lb	\$4,149
HD500PB	24" x 30" x 9"	Mild Steel	500 kg	1000 lb/500 kg	0.2 lb/0.1 kg	320 lb	\$4,149
HD050SA	20" x 20" x 6"	Stainless	50 kg	100 lb/50 kg	0.02 lb/0.01 kg	85 lb	\$3,404
HD100SA	20" x 20" x 6"	Stainless	100 kg	250 lb/100 kg	0.05 lb/0.02 kg	85 lb	\$3,404
HD250SA	20" x 20" x 6"	Stainless	250 kg	500 lb/250 kg	0.1 lb/0.05 kg	85 lb	\$3,404
HD250SB	24" x 30" x 9"	Stainless	250 kg	500 lb/250 kg	0.1 lb/0.05 kg	320 lb	\$5,078
HD500SB	24" x 30" x 9"	Stainless	500 kg	1000 lb/500 kg	0.2 lb/0.1 kg	320 lb	\$5,078

BASELINE™ HD

BASELINE HD Mounting Top Plate

Order Number	Scale Base Dimensions	Top Plate Size	Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
HD-010000	20" x 20"	20" x 20" x 1/2"	Mild Steel	30 lb	\$400
HD-010001	20" x 20"	24" x 24" x 1/2"	Mild Steel	35 lb	\$400
HD-010002	20" x 20"	20" x 24" x 1/2"	Mild Steel	32 lb	\$400
HD-010010	24" x 30"	24" x 30" x 1/2"	Mild Steel	50 lb	\$545
HD-010011	24" x 30"	30" x 30" x 1/2"	Mild Steel	60 lb	\$545
HD-010012	24" x 30"	30" x 36" x 1/2"	Mild Steel	70 lb	\$545
HD-010014	24" x 30"	24" x 36" x 1/2"	Mild Steel	55 lb	\$545
HD-010003	20" x 20"	20" x 20" x 1/2"	Stainless	30 lb	\$907
HD-010004	20" x 20"	24" x 24" x 1/2"	Stainless	35 lb	\$907
HD-010005	20" x 20"	20" x 24" x 1/2"	Stainless	32 lb	\$907
HD-010006	20" x 20"	17 3/4" x 23 5/8" x 1/2"	Stainless	30 lb	\$907
HD-010013	20" x 20"	24" x 30" x 1/2"	Stainless	50 lb	\$907
HD-010007	24" x 30"	24" x 30" x 1/2"	Stainless	95 lb	\$1,047
HD-010008	24" x 30"	30" x 30" x 1/2"	Stainless	60 lb	\$1,047
HD-010009	24" x 30"	30" x 36" x 1/2"	Stainless	70 lb	\$1,047

BASELINE HD Transfer Platter

Order Number	Scale Base Dimensions	Top Plate Size	Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
HD-010015	20" x 20"	20"x20" Ball transfer, 1" balls	Mild Steel	30 lb	\$698
HD-010018	20" x 20"	20"x20" Ball transfer, 1" balls	Stainless	50 lb	\$1,087
HD-010016	20" x 20"	20"x22" Roller track, 22" rollers	Mild Steel	35 lb	\$907
HD-010017	24" x 30"	30"x28" Roller track, 27" rollers	Mild Steel	32 lb	\$1,131

BASELINE HD Columns and Kits

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
HD-030002	19 in Stainless Steel Bolt-on Column (requires HD-030001)		\$674
88-430000	40 in Mild Steel Bolt-on Column (requires HD-030001)	125 lb	\$318
88-500000	44.5 in Stainless Steel Bolt-on Column (requires HD-030001)	125 lb	\$674
HD-030001	Stainless Steel Adapter Bracket (attaches Bolt-on Column to HD scale base)		\$121
HD-020004	Wheel Kit with brake for 20" x 20" base (includes HD-030001 column mounting bracket)	40 lb	\$824
HD-020001	Wheel Kit with brake for 24" x 30" base (includes HD-030001 column mounting bracket)	52 lb	\$824
HD-040000	Stainless Steel Shim Kit for 20" x 20" base	5 lb	\$87
HD-040001	Stainless Steel Shim Kit for 24" x 30" base	5 lb	\$87
58-500402	Universal mounting plate for 0919-0033, 0964-0078 battery, 0919-0044 IS Power		\$143



K-line

High Precision Scale Bases KA/KB/KCC 3-300 kg

APPLIED

Approvals:

- NTEP Class II, 32000d, Class III, 10000d, COC #00-075 (e = legal-for-trade, d = displayed readability)
- Measurement Canada Approval #AM-5406

Standard Features

- MonoBloc Technology
- IP67 protection
- Measuring cell cable length 8 ft (2.5 m)
- Base and load plate

Ordering Information

Bench and Stand Scales

Order Number	Overall Dimensions*	Construction: Load Plate/ Base	Standard Configuration	Approved Configuration**	Shipping Weight (lb)	Suggested List Price (CDN\$)
KA15s	350 x 280 mm (13.8" x 11")	SS/SS	15 kg x 0.1 g (30 x 0.0002 lb)	15 kg (e = 1 g, d = 0.1 g)	29 lb	\$3,451
KA32s		SS/SS	32 kg x 0.1 g (70 x 0.0002 lb)	32 kg (e = 1 g, d = 0.1 g)	29 lb	\$4,924
KB60.2	500 x 400 mm 20" x 16"	SS/BPC	60 kg x 1 g (120 x 0.002 lb)	60 kg (e = 10 g, d = 1 g)	77 lb	\$3,779
KB60s.2		SS/SS				\$5,881
KCC150	800 x 600 mm 32" x 24"	SS/BPC	150 kg x 1 g (300 x 0.002 lb)	150 kg (e = 10 g, d = 1 g)	160 lb	\$4,979
KCC150s		SS/SS			160 lb	\$7,241
KCC300		SS/BPC	300 kg x 2 g (600 x 0.005 lb)	300 kg (Multi-Interval - 0.02 kg, 0.05 kg, 0.1 kg)	160 lb	\$5,504
KCC300s		SS/SS			160 lb	\$7,835

** Note: For additional approved configurations, see COC #00-075

KA/KB/KCC Accessories - Roller Tracks

Order Number	Description	Suggested List Price (CDN\$)
503640	Carbon Steel Roller Track - dry environment for KB Scales	\$453
504852	Carbon Steel Roller Track - dry environment for KCC Scales	\$822
220011647	Stainless Steel Roller Track for KB Scales (not for hazardous areas)	\$566
220011648	Stainless Steel Roller Track for KCC Scales (not for hazardous areas)	\$1,070

KA/KB/KCC Accessories - Floor Stands

Order Number	Description	Suggested List Price (CDN\$)
504131	44 in Carbon Steel Floor Stand for ID Terminals	\$332
503700	Freestanding Carbon Steel Base Plate (Provides added stability)	\$202
504132	44 in Stainless Steel Floor Stand for ID Terminals	\$708
22014834	40 in/ 1000 mm Stainless Steel Square Tube Floor Stand with M8 hole ***	\$566
503701	Freestanding Stainless Steel Base Plate (Provides added stability - 18.5 x 18.5 in/ 470 x 470 mm)	\$368

*** includes IND4x9 terminal bracket - refer to page IN-21 to order other terminal brackets ***

Stocked to ensure 24 hour delivery on up to 10 identical units

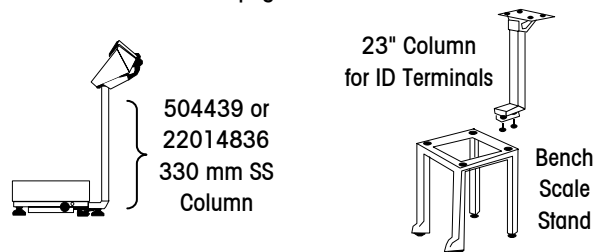
Built to order product. Lead time is 3-4 weeks.

K-line High Precision Scale Bases

KA/KB/KCC Accessories - Stands and Columns

Order Number	Description	Suggested List Price (CDN\$)
503631	22" Black Powder Coat Bench Scale Stand for KB Scales	\$362
504853	22" Black Powder Coat Bench Scale Stand for KCC Scales	\$549
504127	23" Black Powder Coat Column for ID Terminals (attaches to Bench Scale Stand)	\$323
503632	22" Stainless Steel Bench Scale Stand for KB Scales	\$578
504854	22" Stainless Steel Bench Scale Stand for KCC Scales	\$854
504128	23" Stainless Steel Column for ID Terminals (attaches to Bench Scale Stand)	\$644
22014835	500 mm Stainless Steel Column with M8 hole *** (attaches to Bench Scale Stand)	\$435
504439	330 mm Stainless Steel Column for ID Terminals (attaches to KA and KB Scales)	\$371
22014836	330 mm Stainless Steel Column with M8 hole *** (attaches to KA and KB Scales)	\$237

*** includes IND4x9 terminal bracket - refer to page Instrumentation section to order other terminal brackets ***

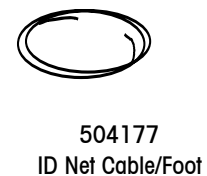
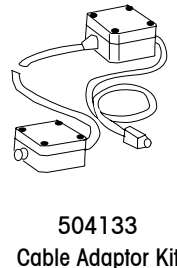
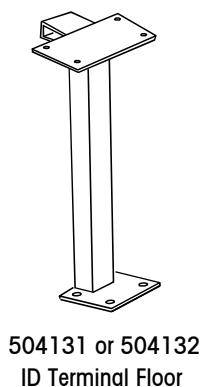


KA/KB/KCC Accessories - Cables and Miscellaneous

Order Number	Description	Suggested List Price (CDN\$)
504134	Measuring cell extension cable. Interconnects with existing cable. Provides a 33 ft (10 m) extension	\$244
504133	Cable Adapter Kit. Needed for use with 504177, when it is necessary to extend the measuring cell cable beyond 33 ft (10 m) maximum distance of extension 310 ft (94 m)	\$448
504177	IDNet Cable/Foot -- Maximum Distance = 310 ft (94 m). Intended for use with 504133 - cable adapter kit, when cable extension is required beyond 33 ft. For distances equal to or less than 33 ft, use 504134 which is a complete cable	\$3.30
24 13864800A	IDNet Adapter Harness, Connection of K-Line, R/G/B's to JagXtreme when used with JagXtreme IDNet interface module	\$143
504458	I/O Cable, 10 m (33 ft) with 19 pin male connector (required for Digital I/O option)	\$176
22011967	Relay 4	\$330
22003718	24v Power Supply	\$313

24 Stocked to ensure 24 hour delivery on up to 10 identical units

BD Built to order product. Lead time is 2-3 weeks.





9473 Entry Level Checkweigher

Weighing Controllers

CONSULTATIVE

Environmental Protection:

- Stainless Steel Frame, Aluminum Drive and Idler Rollers
- Belt Material - White Thermoplastic Polyurethane (TPU) FDA/USDA approved
- IP54 Ingress Protection

Standard Features:

- Enclosure Free standing stainless steel with locking access to electronic components
- Feet Stainless steel ± 30 mm height adjustability
- Conveyor Height 750 – 950 mm ± 30 mm
- Conveyor Dimension 200 x 250 mm, 300 x 400 mm
- Roller Diameter 38 mm (drive and idler)
- Motors Electronically commuted DC motors with integrated control circuitry
- Speed Control Continuously variable by user control
- Power 100/230 VAC (auto-detect input), 50/60 Hz, single phase, 450 VA
- Direction of Travel Left to right or right to left
- Air Actuated Push-Off Rejecter (req's 60 to 115 psi)

Options:

- Statistics Program
- Print Stick Reader and PC Software
- Serial or Ethernet Interface (1 only)
- 3 Segment Stack Light

Weighing Performance:

- Weigh Cell Stainless steel strain gauge
- Weighing range maximum capacity 6000 g
- Accuracy from $\pm 1-2$ g at 2 sigma
- Temperature range 0 to 40 °C
- Resolution 0.5 g
- Throughput 100 packages per minute

9473 Model Configuration

Conveyor Model Number	Belt Width	Not Used
9473	200=200 mm 300=300 mm	
9 4 7 3	X 0 0	0 0 0 0 0

! ATTENTION !
An order must be
accompanied by a
completed Checkweigher
Systems Site Evaluation.

Ordering Information**9473 Weighing Conveyor - Size**

Order Number	Belt Width	Infeed Length	Weigh Length	Discharge Length	Capacity	Suggested List Price (CDN\$)
947320000000	200 mm	250 mm	250 mm	250 mm	3 kg x 1 g / 6 kg x 2 g	\$16,170
947330000000	300 mm	400 mm	400 mm	400 mm	3 kg x 1 g / 6 kg x 2 g	\$16,720

Price Includes: Infeed, Weigh, and Discharge Conveyors

Stainless Steel Frame with Aluminum Drive and Idler Rollers

Air Operated Push Off Rejecter (req's 60 to 115 psi)

5.7" Color Touch Screen Display

40 Article Memory

3 Weight Zones for Classification

2 Level Password Protected Security

Informative Main User Screen with Integrated Message Center

IP54 Environmental Rating

9473 Entry Level Checkweigher

9473 Weighing Conveyor Options and Accessories

Description	Suggested List Price (CDN\$)
Statistics Program	\$2,008
Statistics Program, Print Stick Reader Software and Print Stick	\$3,410
Statistics Program and Print Stick	\$1,980
Print Stick	\$110
Weigh Data Interface/Serial (Hi-Speed Net Weights Out Format)	\$1,568
Weigh Data Interface/Ethernet (Hi-Speed Net Weights Out Format)	\$825
3 Segment Stack Light Pole for Visible Representation of Weight Classification	\$1,265
Air Blast Rejecter	\$1,100

¹ Statistics Program Includes: Production Counters, Hourly Statistics and Final Statistics as de Current Production Counter for Over, Accepts, Under and Special Product classification by n of units and by weight. Current Hour production statistics including Counters described abov with the addition of Start Time, Mean, Std. Dev., Number of Accepts and Rejects, Total Pack and TU1 and TU2 Quantities. Total Statistics includes the same statistical information as Cui Statistics inclusive of all production since the last Final Evaluation was performed on the cui

² Order this option to allow printing of statistics reports to the Print Stick on additional machin Print Stick Reader Software has already been ordered.

9473 200mm Weighing Conveyor Spare Parts Kits

6J-01K-0202	PM Parts	\$935
6J-01K-0203	Standard	\$2,200
6J-01K-0204	Suggested	\$4,290
6J-01K-0205	Deluxe	\$9,350

9473 300mm Weighing Conveyor Spare Parts Kits

6J-01K-0206	PM Parts	\$1,320
6J-01K-0207	Standard	\$2,530
6J-01K-0208	Suggested	\$4,730
6J-01K-0209	Deluxe	\$9,790

9473 Weighing Conveyor Spare Parts Kit Contents

QTY	Description	PM Parts	Standard	Suggested
1	Load cell			X
1	Balanced drive roller w/bearings	X	X	X
1	Balanced idler roller w/bearings	X	X	X
1	Motor			X
1	Timing belt	X	X	X
3	Transport belt	X	X	X
2	Timing belt	X	X	X
2	Drive roller for infeed/discharge w/bearings			X
2	Idler roller for infeed/discharge w/bearings			X
1	Photo-eye		X	X
1	Power supply		X	X
2	Fuse 4a, 600v		X	X
2	Fuse 6a, 600v		X	X
2	Fuse 8a, 600v		X	X
1	DMS-L Module			
1	Terminal			



IND9D56 Checkweighing Controller

Ethernet/Serial			Shipping Weight (lb)	Suggested List Price (CDN\$)
Order Number	Description			
A	Ethernet and two (2) serial ports now standard in all units			\$0
PLC Interface				
0	None			\$0
A	Analog Output			\$550
B	Allen Bradley RIO			\$550
P	Profibus DP			\$550
D	DeviceNet			\$550
Voltage for Outputs				
0	110 VAC			\$0
1	220 VAC			\$0
2	24 VDC			\$0
ARM100				
0	None			\$0
1	One (1) ARM100 for Digital I/O Installed			\$468
Voltage for Photo-Eye				
0	110 VAC			\$0
1	220 VAC			\$0
2	24 VDC			\$0
Enclosure Type				
M	Mild Steel			\$0
S	Type 304 Stainless Steel			\$963
Other				
00	None			\$0
01-26	Pilot Lights and Pushbuttons			Call
IND9D56 Accessories				
Call	One (1) Pilot Light (Installed and Wired)			\$275
Call	One (1) Pushbutton (Installed and Wired)			\$275
Call	Three (3) Zone Light for ExpressCheck®			\$880
64065716	Spare Parts Kit			\$1,430
2B-03K-0167	Controller Stand - Mild Steel			\$660
2B-03K-0225	Controller Stand - Stainless Steel			\$1,705

9477 Weighing Conveyor

CONSULTATIVE

Environmental Protection:

- Black, polyurethane painted mild steel construction

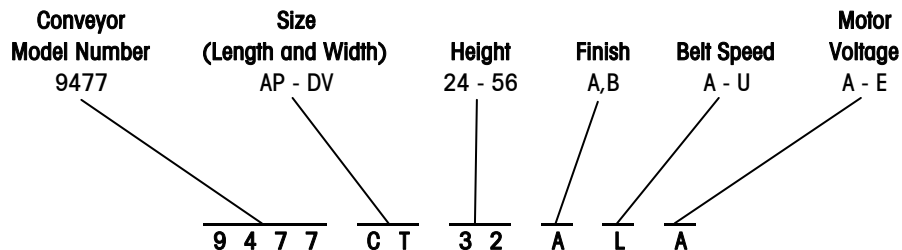
Standard Features:

- Standard size: 24" x 48"
- Standard height: 32" (±2")
- Analog junction box
- Four (4) load cells
- Dual photo eyes (24 VDC)
- Fixed speed motor (from 30 to 240 FPM)
- Black PVC, coated belt construction
- Two (2) sets of documentation with each order

! ATTENTION !
An order must be
accompanied by a completed
Checkweigher Systems
Site Evaluation.

Options:

- Custom length/width/height conveyors
- Variable belt speed
- USDA/Food construction (304 stainless steel frame/FDA Approved white PVC belt)
- CSA Construction
- Hazardous Area construction
- MACH II Construction (speeds up to 600 ft/min.)

9477 Model Configuration**Ordering Information****9477 Weighing Conveyor - Size**

Order Number	Description		Lead Time Adder	Shipping Weight (lb)	Suggested List Price (CDN\$)
AP	12" wide x 20" long	4 x 50 kg	+2 wks	385 lbs	\$10,780
AQ	12" wide x 24" long	4 x 50 kg	0	400 lbs	\$9,735
AR	12" wide x 30" long	4 x 50 kg	+2 wks	425 lbs	\$11,000
BQ	18" wide x 24" long	4 x 50 kg	+2 wks	450 lbs	\$11,275
BR	18" wide x 30" long	4 x 50 kg	0	500 lbs	\$9,900
BS	18" wide x 36" long	4 x 50 kg	+2 wks	550 lbs	\$11,440
CS	24" wide x 36" long	4 x 250 lbs	+2 wks	600 lbs	\$11,550
CT	24" wide x 48" long	4 x 250 lbs	0	700 lbs	\$10,120
CU	24" wide x 60" long	4 x 250 lbs	+2 wks	800 lbs	\$11,990
DT	30" wide x 48" long	4 x 250 lbs	+2 wks	900 lbs	\$14,080
DU	30" wide x 60" long	4 x 250 lbs	+2 wks	1000 lbs	\$15,015
DV	30" wide x 72" long	4 x 250 lbs	+2 wks	1100 lbs	\$22,440
Custom Size price adder (Add to standard size price)		Up to 42" total width and/or up to 84" total length	+6 wks		Call

9477 Weighing Conveyor

Height (price adder)

Order Number	Description	Lead Time Adder	Suggested List Price (CDN\$)
XX	24"	+1 wk	\$0
	26"	+1 wk	\$0
	28"	+1 wk	\$0
	30"	+1 wk	\$0
	32" (standard)	0	\$0
	34"	+3 wks	\$0
	36"	+3 wks	\$0
	38"	+3 wks	\$0
	40"	+3 wks	\$0
ZZ	42"	+3 wks	\$1,045
	44"	+3 wks	\$1,045
	46"	+3 wks	\$1,045
	48"	+3 wks	\$1,045
	50"	+3 wks	\$1,045
	52"	+3 wks	\$1,045
	54"	+3 wks	\$1,045
	56"	+3 wks	\$1,045

Finish

A	Mild steel, black	0	\$0
B	Stainless steel (USDA)	+6 wks	Call

Belt Speed

A	Fixed Speed	30 FPM	0	\$0
B	Fixed Speed	35 FPM	0	\$0
C	Fixed Speed	40 FPM	0	\$0
D	Fixed Speed	45 FPM	0	\$0
E	Fixed Speed	50 FPM	0	\$0
F	Fixed Speed	60 FPM	0	\$0
G	Fixed Speed	70FPM	0	\$0
H	Fixed Speed	80 FPM	0	\$0
J	Fixed Speed	90 FPM	0	\$0
K	Fixed Speed	100 FPM	0	\$0
L	Fixed Speed	120 FPM	0	\$0
M	Fixed Speed	140 FPM	0	\$0
N	Fixed Speed	150 FPM	0	\$0
P	Fixed Speed	160 FPM	0	\$0
R	Fixed Speed	180 FPM	0	\$0
S	Fixed Speed	200 FPM	0	\$0
T	Fixed Speed	220 FPM	0	\$0
U	Fixed Speed	240 FPM	0	\$0
K	Variable Speed	30 to 100 FPM	+2 wks	\$990
P	Variable Speed	80 to 160 FPM	+2 wks	\$990
S	Variable Speed	120 to 200 FPM	+2 wks	\$990
U	Variable Speed	150 to 240 FPM	+2 wks	\$990

Motor Voltage

A	Fixed Speed	220 VAC/60 HZ	0	\$0
B	Fixed Speed	440 VAC/60 HZ	0	\$0
C	Fixed Speed	575 VAC/60 HZ	0	\$660
D	Variable Speed	220 VAC/60 HZ	0	\$0
E	Variable Speed	440 VAC/60 HZ	0	\$0

9477 Mach II Weighing Conveyor

CONSULTATIVE

Environmental Protection:

- Black, polyurethane painted mild steel construction

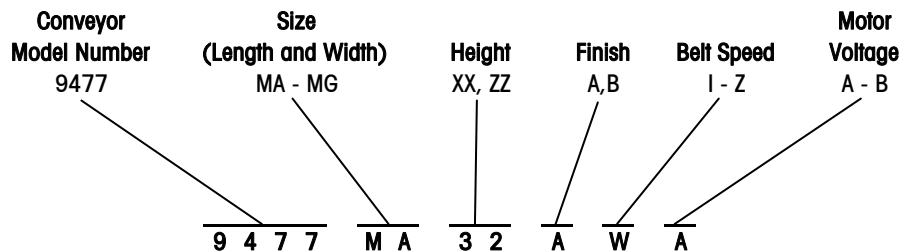
Standard Features:

- Standard size: 24 in x 48 in
- Standard height: 24 in through 40 in (± 2 in)
- Analog junction box
- Four (4) load cells
- Dual photo eyes (24 VDC)
- Variable speed motor (from 250 to 600 FPM)
- Black PVC, coated belt construction
- Variable speed drive
- 2 Sets of documentation with each order

! ATTENTION !
An order must be accompanied by a completed Checkweigher Systems Site Evaluation.

Options:

- Custom length/width/height conveyors
- USDA/Food construction (304 stainless steel frame/FDA Approved white PVC belt)
- CSA Construction
- Hazardous Area construction

9477 Mach II Model Configuration**Ordering Information****9477 Weighing Conveyor - Size**

Order Number	Description	Load Cells	Lead Time	Shipping Weight (lb)	Suggested List Price (CDN\$)
MA	24" wide x 48" long	4 x 250 lbs	10 wks	650 lbs	\$17,848
MB	24" wide x 60" long	4 x 250 lbs	10 wks	700 lbs	\$18,343
MC	30" wide x 48" long	4 x 250 lbs	10 wks	700 lbs	\$19,360
MD	30" wide x 60" long	4 x 250 lbs	10 wks	750 lbs	\$20,955
ME	30" wide x 66" long	4 x 250 lbs	10 wks	800 lbs	\$21,698
MF	36" wide x 60" long	4 x 250 lbs	10 wks	800 lbs	\$22,688
MG	36" wide x 72" long	4 x 250 lbs	10 wks	900 lbs	\$23,623
Custom Size price adder (Add to standard size price)		Up to 42" total width and/or Up to 84" total length		+4 wks	Call

9477 Mach II Weighing Conveyor

Height (price adder)				
Order Number	Description		Lead Time Adder	Suggested List Price (CDN\$)
XX	24"	Conveyor Height (adjustable ±2")	0	\$0
	26"		0	\$0
	28"		0	\$0
	30"		0	\$0
	32" (standard)		0	\$0
	34"		0	\$0
	36"		0	\$0
	38"		0	\$0
	40"		0	\$0
ZZ	42"		+1 wk	\$1,045
	44"		+1 wk	\$1,045
	46"		+1 wk	\$1,045
	48"		+1 wk	\$1,045
	50"		+1 wk	\$1,045
	52"		+1 wk	\$1,045
	54"		+1 wk	\$1,045
	56"		+1 wk	\$1,045
Finish				
A	Mild steel, black	0	\$0	
B	Stainless steel (USDA)	+6 wks	Call	
Belt Speed				
W	Variable Speed	250 to 300 FPM	0	\$0
X	Variable Speed	300 to 400 FPM	0	\$0
Y	Variable Speed	400 to 500 FPM	0	\$0
Z	Variable Speed	500 to 600 FPM	0	\$0
Motor Voltage				
A	Variable Speed	220 VAC/60 HZ	0	\$0
B	Variable Speed	440 VAC/60 HZ	0	\$0
Spare Parts				
9477CRSKIT	Mach II spare parts kit (Get list of parts from Application Support)		+6 wks (if ordered after machine ships)	\$6,490

9477 Accessories

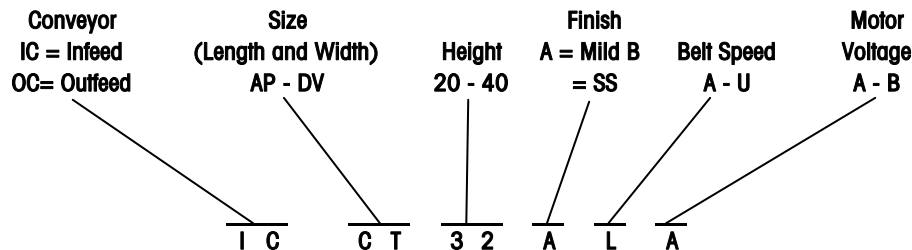
In-Feed & Exit Conveyors Rejects & Spare Parts

CONSULTATIVE

Standard Features In-Feed / Exit Conveyors:

- Mild steel & stainless steel construction
- 220/440v 3 phase motor
- Balanced rollers
- Same frame and construction as 9477 weighing conveyors

In-Feed & Exit Model Configuration (See 9477 for key)



Ordering Information

Mild Steel (A) In-Feed and Exit Conveyors

Order Number	Size	Description	Height	Belt Speed	Shipping Weight (lb)	Suggested List Price (CDN\$)
IC / OC	AP	12" wide x 21" long	20" through 40"	30 - 240 fpm		\$4,345
IC / OC	AQ	12" wide x 24" long	20" through 40"	30 - 240 fpm		\$4,345
IC / OC	AR	12" wide x 30" long	20" through 40"	30 - 240 fpm		\$4,345
IC / OC	BQ	18" wide x 24" long	20" through 40"	30 - 240 fpm		\$5,445
IC / OC	BR	18" wide x 30" long	20" through 40"	30 - 240 fpm		\$5,445
IC / OC	BS	18" wide x 36" long	20" through 40"	30 - 240 fpm		\$5,583
IC / OC	CS	24" wide x 36" long	20" through 40"	30 - 240 fpm		\$5,803
IC / OC	CT	24" wide x 48" long	20" through 40"	30 - 240 fpm		\$5,803
IC / OC	CU	24" wide x 60" long	20" through 40"	30 - 240 fpm		\$6,325
IC / OC	DT	30" wide x 48" long	20" through 40"	30 - 240 fpm		\$6,683
IC / OC	DU	30" wide x 60" long	20" through 40"	30 - 240 fpm		\$6,683
IC / OC	DV	30" wide x 72" long	20" through 40"	30 - 240 fpm		\$7,150

Stainless Steel (B) In-Feed and Exit Conveyors

Order Number	Size	Description	Height	Belt Speed	Shipping Weight (lb)	Suggested List Price (CDN\$)
IC / OC	AP	12" wide x 21" long	20" through 40"	30 - 240 fpm		\$7,040
IC / OC	AQ	12" wide x 24" long	20" through 40"	30 - 240 fpm		\$7,172
IC / OC	AR	12" wide x 30" long	20" through 40"	30 - 240 fpm		\$7,315
IC / OC	BQ	18" wide x 24" long	20" through 40"	30 - 240 fpm		\$7,865
IC / OC	BR	18" wide x 30" long	20" through 40"	30 - 240 fpm		\$8,008
IC / OC	BS	18" wide x 36" long	20" through 40"	30 - 240 fpm		\$8,008
IC / OC	CS	24" wide x 36" long	20" through 40"	30 - 240 fpm		\$9,405
IC / OC	CT	24" wide x 48" long	20" through 40"	30 - 240 fpm		\$9,405
IC / OC	CU	24" wide x 60" long	20" through 40"	30 - 240 fpm		\$10,357
IC / OC	DT	30" wide x 48" long	20" through 40"	30 - 240 fpm		\$12,562
IC / OC	DU	30" wide x 60" long	20" through 40"	30 - 240 fpm		\$12,562
IC / OC	DV	30" wide x 72" long	20" through 40"	30 - 240 fpm		\$13,118

Checkweighing Systems

Accessories

Conveyor and Reject Combination

This is a complete conveyor and reject built as one piece with guards

Order Number	Description	Suggested List Price (CDN\$)
RA01	12 x 30 Mild steel conveyor, 12" reject stroke, 40 cpm max, 50 lbs max, LH drive	\$10,533
RA02	12 x 30 Mild steel conveyor, 12" reject stroke, 40 cpm max, 50 lbs max, RH drive	\$10,533
RA03	12 x 30 Stainless steel conveyor, 12" reject stroke, 40 cpm max, 50 lbs max, LH drive	\$15,180
RA04	12 x 30 Stainless steel conveyor, 12" reject stroke, 40 cpm max, 50 lbs max, RH drive	\$15,180
RA05	12 x 30 Mild steel conveyor, 12" reject stroke, 60 cpm max, 70 lbs max, LH drive	\$13,475
RA06	12 x 30 Mild steel conveyor, 12" reject stroke, 60 cpm max, 70 lbs max, RH drive	\$13,475
RA07	18 x 36 Mild steel conveyor, 18" reject stroke, 40 cpm max, 50 lbs max, LH drive	\$12,815
RA08	18 x 36 Mild steel conveyor, 18" reject stroke, 40 cpm max, 50 lbs max, RH drive	\$12,815
RA09	18 x 36 Stainless steel conveyor, 18" reject stroke, 40 cpm max, 50 lbs max, LH drive	\$18,095
RA10	18 x 36 Stainless steel conveyor, 12" reject stroke, 40 cpm max, 50 lbs max, RH drive	\$18,095
RA11	18 x 36 Mild steel conveyor, 18" reject stroke, 60 cpm max, 70 lbs max, LH drive	\$17,050
RA12	18 x 36 Mild steel conveyor, 18" reject stroke, 60 cpm max, 70 lbs max, RH drive	\$17,050
RA13	24 x 60 Mild steel conveyor, 24" reject stroke, 60 cpm max, 70 lbs max, LH drive	\$18,425
RA14	24 x 60 Mild steel conveyor, 24" reject stroke, 60 cpm max, 70 lbs max, RH drive	\$18,425

Reject Ram Only

This is a Reject only that mounts to the floor with no guards.

RJ01	12" Stroke reject only, Mild steel, 40 cpm max , 50 lbs max	\$2,393
RJ02	12" Stroke reject only, Stainless steel, 40 cpm max , 50 lbs max	\$3,850
RJ03	18" Stroke reject only, Mild steel, 40 cpm max , 50 lbs max	\$2,585
RJ04	18" Stroke reject only, Stainless steel, 40 cpm max , 50 lbs max	\$4,290
RJ05	12" Heavy duty Stroke reject only, Mild steel, 60 cpm max , 70 lbs max	\$6,215
RJ06	18" Heavy duty Stroke reject only, Mild steel, 60 cpm max , 70 lbs max	\$6,435
RJ07	24" Heavy duty Stroke reject only, Mild steel, 60 cpm max , 70 lbs max	\$6,435

Product Guides for 9477 or In-Feed/Exit Conveyors (Each)

Stainless steel product guides will be mounted on conveyor section and be adjustable to with-in 2" of center of belt

GR01	Guide rails for 12" x 21" conveyor	\$1,650
GR02	Guide rails for 12" x 24" conveyor	\$1,705
GR03	Guide rails for 12" x 30" conveyor	\$1,815
GR04	Guide rails for 18" x 24" conveyor	\$1,705
GR05	Guide rails for 18" x 30" conveyor	\$1,815
GR06	Guide rails for 18" x 36" conveyor	\$1,925
GR07	Guide rails for 24" x 36" conveyor	\$1,705
GR08	Guide rails for 24" x 48" conveyor	\$1,815
GR09	Guide rails for 24" x 60" conveyor	\$1,925
GR10	Guide rails for 30" x 48" conveyor	\$1,815
GR11	Guide rails for 30" x 60" conveyor	\$1,925
GR12	Guide rails for 30" x 72" conveyor	\$2,035

Spare Parts Kits for 9477 Weighing Conveyors

Contact product application support for list of parts included in spare parts kits

SP01	9477 Spare parts kit for all 12" and 18" wide mild steel conveyors	\$4,070
SP02	9477 Spare parts kit for all 24" and 30" wide mild steel conveyors	\$4,070
SP03	9477 Spare parts kit for all 12" and 18" wide stainless steel conveyors	\$5,940
SP04	9477 Spare parts kit for all 24" and 30" wide stainless steel conveyors	\$6,710
9477CRSKIT	9477 Mach II Spare parts kit for all 24" and 30" wide mild steel conveyors	\$6,490

Special Configurations

Hazardous	Explosion-proof motors and photoeyes	Add 4 wks to lead time	\$0
CSA Construction	For units destined for Canada	Add 4 wks to lead time	Call



XTC II



XTC II

Counting Scale

ECONOMY

Approvals:

- UL, FCC, ISO9001

Standard Features:

- Triple display (5-digit weight, 5-digit data, 6 digit count), bright red LED, 15 mm (0.6 in) height
- 20 button full numeric keyboard
- 1/300,000 counting resolution
- Selectable lb, kg
- APW enhancement
- AC adaptor (included) or optional battery (6V/5Ah, rechargeable, lead acid)

Ordering Information

XTC II Counting Scale - includes AC adapter

Order Number	Model	Capacity	Resolution	Platter Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207710	XTC-II-1003	6 lb	0.0002 lb	9.5" x 13.5"	11 lb	\$695
71207711	XTC-II-2003	15 lb	0.001 lb	9.5" x 13.5"	11 lb	\$695
71207712	XTC-II-3003	30 lb	0.001 lb	9.5" x 13.5"	11 lb	\$695
71207713	XTC-II-4003	60 lb	0.002 lb	9.5" x 13.5"	11 lb	\$695

XTC II Counting Scale - includes AC adapter and 6V/5Ah, rechargeable, lead acid battery

Order Number	Model	Capacity	Resolution	Platter Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207706	XTC-II-1103	6 lb	0.0002 lb	9.5" x 13.5"	13.2 lb	\$776
71207707	XTC-II-2103	15 lb	0.001 lb	9.5" x 13.5"	13.2 lb	\$776
71207708	XTC-II-3103	30 lb	0.001 lb	9.5" x 13.5"	13.2 lb	\$776
71207709	XTC-II-4103	60 lb	0.002 lb	9.5" x 13.5"	13.2 lb	\$776

XTCP

Counting Scale Package



XTCP Counting Scale and Printer

ECONOMY

Approvals:

- UL, FCC, ISO9001

Standard Features:

- Triple display (5 digit weight, 6 digit data, 6 digit count), green VFD, 12 mm (1/2 in) height
- 20 button full numeric keyboard
- 1/500,000 counting resolution
- Selectable lb, kg, g
- Count target alarm
- APW enhancement
- 20 items memory (6-digit item #, APW, tare)
- 21 accumulators for total counts
- 3 selectable digital filter strengths
- AC adaptor (included)
- RS232 interface (including serial cable)

Standard printer features:

- Direct thermal, RS232, including power supply
- High speed 2 color printing
- Easy load "drop-in and print" paper loading
- Print speed 4 inches/sec, 25 or 33 lines/sec
- Resolution 203 dpi (8 dots/mm)
- Adjustable paper width: 58 mm (2.25 in) - 80 mm (3.15 in)
- Logo store utility for easy logo data
- Star and ESC/POS™ emulation
- Cash drawer driver
- AC adaptor (included)
- Thermal paper roll (Included)

Ordering Information

XTCP Counting Scale

Order Number	Model	Capacity	Resolution	Platter Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
085319020	XTCP-1001	5 lb	0.0002 lb	6.6" x 7.7"	20 lb	\$1,262
085320020	XTCP-2001	10 lb	0.001 lb	9.5" x 13.5"	20 lb	\$1,262
085321020	XTCP-3001	20 lb	0.001 lb	9.5" x 13.5"	20 lb	\$1,262
085322020	XTCP-4001	50 lb	0.002 lb	9.5" x 13.5"	20 lb	\$1,262

XTCP Counting Scale Package Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
085307020	TRF-80 thermal receipt paper, 3.25 in W x 230 ft L, 12 rolls per case		\$68



IND449check+

Weighing Terminal

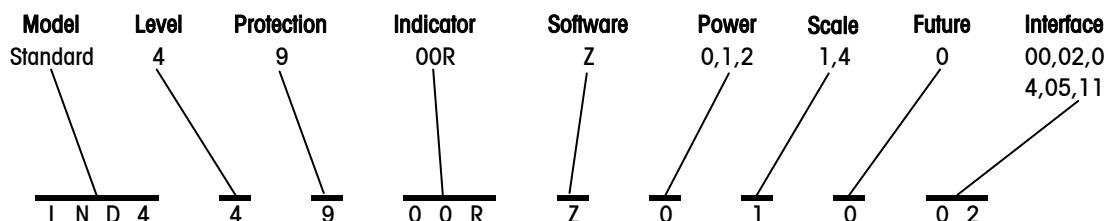
APPLIED

Approvals:

- USA: Class II 100,000d; Class III/IIIL 10,000d; COC#05-010
- Measurement Canada Approval: Class II 100,000d; Class III/III HD 10,000d; #AM-5588
- CSA, EHEDG, NSF approvals

Standard Features:

- IP69k protected
- Full stainless steel enclosure
- RS232 serial interface
- LCD display
- MinWeigh
- Taring
- Unit switching
- Printing/Data transfer
- Checkweighing (3 modes)
- 99 target memories
- Graphic indication of weight
- COLOR WEIGHT® display
- Quick calibration
- I/O
- Counting Software
- TakeAway mode
- Identification (2 IDs)
- Recall gross, tare, high resolution
- Numeric keypad (25 keys total)
- Date / time
- Classification (5 colors)
- Stealth Mode

IND4x9 Model Configuration**Ordering Information****IND4x9 Base Terminal Options**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
IND44900RZ	IND449 Check+ terminal with IP69k protection		\$1,495

Power Options

0	AC power only	\$0
1	Internal battery (with charger)	\$330

Scale Options

1	Analog scale connection	\$0
4	IDNet scale connection (for T-Brick cell only)	\$220

Future Options

0	Standard	\$0
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Counting Scales

IND449check+

Interface Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	Standard (RS232)		\$0
02	Standard plus Digital I/O		\$440
04	Standard plus USB		\$440
05	Standard plus Ethernet		\$440
11	Standard plus WLAN		\$660

IND4x9 Field Installation Kits

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
N/A	Standard plus Digital I/O		N/A
N/A	Standard plus USB		N/A
N/A	Standard plus Ethernet		N/A
N/A	Standard plus WLAN		N/A

IND4x9 Accessories - General

22013963	IND4x9 Protective Covers - Set of 3		\$105
21203903	W&M Certification Kit (Sealing kit for legal-for-trade applications)		\$49
22001088	4 I/O Relay Module with Terminal Strip for Digital I/O Option		\$440

IND4x9 Accessories - Cables and Mating Connectors

504376	3 m RS232 Serial cable (8 pin DIN to DB9 Female connector)		\$110
504755	3 m RS232 Serial cable (8 pin DIN to DB25 Male connector)		Call
503756	RS232 8 pin DIN mating connector (requires field assembly - cable not included)		\$66
504458	10 m Digital I/O cable (8 pin DIN to 19 pin Male connector)		\$176
504461	Digital I/O 19 pin DIN mating connector (requires field assembly - cable not included)		\$66
*** 504458 or 504461 is required for Digital I/O option ***			
22006268	0.2 m USB Cable Adapter (8 pin DIN to Type A USB socket)		\$72
22007713	3.0 m USB Cable Adapter (8 pin DIN to Type A USB socket)		\$94
64057263	10 ft Type A USB Cable		\$35
205247	5 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$176
208152	20 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$429

IND4x9 Documentation

22013821A	IND4x9 / BBA4x9 Installation Guide (English)		\$8.25
22013801A	IND429 / BBA429 User Manual (English)		\$11.55
22015307	IND439check / BBA439check User Manual (English)		\$11.55
22015313	IND449check+ / BBA449check+ User Manual (English)		\$11.55
22013973A	IND4x9 / BBA4x9 Quick Guide (Multi-lingual)		\$8.25
22013826A	IND4x9 / BBA4x9 Service Manual (English)		\$8.25
IN03457.0E	IND4x9 / BBA4x9 Literature (English)		\$0.00



BBA449



BBA449check+ Checkweigher/Counting Scale

APPLIED

Approvals:

- NTEP Class III COC #07-030A, Measurement Canada Approval #AM-5615, OIML
- EHEDG, NSF, GMP, certified

Standard Features:

- IP69k protected
- Full stainless steel enclosure
- LCD display
- 25 keys with tactile feedback
- RS232 serial interface
- Numeric keypad
- Zone setting
- Taring
- Unit switching
- Printing/Data transfer
- MinWeigh
- Date / time
- Checkweighing (3 modes)
- Counting Software
- 99 target memories
- Graphic indication of weight
- COLOR WEIGHT® display
- Quick calibration
- TakeAway and Stealth mode
- Identification (2 IDs)
- Recall gross, tare, resolution
- 6lb-60lb include 1.5m/4.9ft cable
- 150-300lb include 2.5m/8.2ft cable
- Classification (5 colors)

Options

- Internal battery power
- External battery power
- Second RS232
- Digital I/O (4 in / 4 out)
- USB
- Ethernet
- WLAN

BBA449check+ Model Configuration

Model	Size/Capacity	Software	Power	Scale	Future	Interface
BBA449	XXX	Z	0,1,2	1	0	00,02,0 4,05,11
B B A 4 4 9	0 3 0	Z	0	1	0	0 2

Ordering Information**Model Options**

Order Number	Platform Size	Standard Configuration	Approved Configuration	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA449003Z	240 x 300mm (9.5" x 12") - A	6 x 0.0002lb / 3kg x 0.5g	n/a	21 lb	\$2,875
BBA449006Z		15 x 0.002lb / 6kg x 1g	10 x 0.002lb / 5kg x 1g	21 lb	\$2,875
BBA449015Z		30 x 0.005lb / 15kg x 2g	20 x 0.005lb / 10kg x 2g	21 lb	\$2,875
BBA449030Z	300 x 400mm (12" x 16") - BB	60 x 0.01lb / 30kg x 5g	50 x 0.01lb / 25kg x 5g	28 lb	\$3,138
BBA449060Z		150 x 0.02lb / 60 x 0.01kg	100 x 0.02lb / 50 x 0.01kg	28 lb	\$3,138
BBA449B30Z	400 x 500mm (16" x 20") - B	60 x 0.01lb / 30kg x 5g	50 x 0.01lb / 25kg x 5g	30 lb	\$3,611
BBA449B60Z		150 x 0.02lb / 60 x 0.01kg	100 x 0.02lb / 50 x 0.01kg	30 lb	\$3,611
BBA449150Z		300 x 0.05lb / 150 x 0.02kg	200 x 0.05lb / 100 x 0.02kg	30 lb	\$3,611
BBA449Q06Z	9" x 9" - QA	15 x 0.002lb / 6kg x 1g	10 x 0.002lb / 5kg x 1g	19 lb	\$2,819
BBA449Q15Z	12" x 12" - QB (305 x 305mm)	30 x 0.005lb / 15kg x 2g	20 x 0.005lb / 10kg x 2g	27 lb	\$3,014
BBA449Q30Z		60 x 0.01lb / 30kg x 5g	50 x 0.01lb / 25kg x 5g	27 lb	\$3,014
BBA449Q60Z		150 x 0.02lb / 60 x 0.01kg	100 x 0.02lb / 50 x 0.01kg	27 lb	\$3,014

Power Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	AC power only		\$0
1	Internal battery (with charger)	Battery kits must be ordered with scale	\$330
2	External battery (with charger)		\$660

Scale Options

1	Analog scale connection	\$0
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Future Options

0	Standard	\$0
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Counting Scales

BBA449check+

Interface Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	Standard (RS232)		\$0
02	Standard plus Digital I/O		\$440
04	Standard plus USB		\$440
05	Standard plus Ethernet		\$440
11	Standard plus WLAN		\$660

BBA449check+ Accessories - General

22011967	4 I/O external relay module for Digital I/O option		Call
22001088	4 I/O external relay module with terminal strip for Digital I/O option		\$440
22003712	24 VDC external power supply unit for relay module (120 VAC)		\$313
22013992	BBA4x9 Protective Covers - Set of 3		\$41
21203903	W&M Certification Kit (Sealing kit for legal-for-trade applications)		\$49

BBA449check+ Accessories - Cables/Cable Adapters

504376	3 m RS232 Serial cable - 8 pin DIN to DB9 Female connector		\$110
504755	3 m RS232 Serial cable - 8 pin DIN to DB25 Male connector		Call
504458	10 m Digital I/O cable (8 pin DIN to 19 pin Male connector) (required for I/O option)		\$176
22006268	0.2 m USB Cable Adapter with Type A USB socket		\$72
22007713	3.0 m USB Cable Adapter with Type A USB socket		\$94
64057263	10 ft Type A USB Cable		\$35
205247	5 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$176
208152	20 m Ethernet cable (8 pin DIN to RJ45 Ethernet connector)		\$429

BBA449check+ Accessories - Stands / Carts and Special Tops

503632	Wheeled SS stand - 400 mm (W) x 500 mm (L) x 560 mm (H) - B size, open top		\$578
504854	Wheeled SS stand - 600 mm (W) x 800 mm (L) x 560 mm (H) - CC size, open top		\$854
09240070000	Stainless Steel cart, solid top with holes for 9", 12", 18" platforms	45 lb	\$971
503640	Galvanized Roller Track - 16" x 20" / 400 x 500 mm		\$453
22012638	Galvanized Roller Track - 20" x 26" / 500 x 650 mm		\$600
504852	Galvanized Roller Track - 24" x 32" / 600 x 800 mm		\$822
22001647	Stainless Steel Roller Track - 16" x 20" / 400 x 500 mm		\$566
22012799	Stainless Steel Roller Track - 20" x 26" / 500 x 650 mm		\$1,000
22001648	Stainless Steel Roller Track - 24" x 32" / 600 x 800 mm		\$1,070

BBA449check+ Accessories - 316 Stainless Steel Platters

	22008763	316 SS Platter 229x229MM	Add platter to platform as a second item. Factory will substitute original with 316 platter. Price for option is additional to platform price.		Call
	22010287	316 SS Platter 240x300MM			Call
	22010288	316 SS Platter 300x400MM			Call
	22008764	316 SS Platter 305x305MM			Call
	22010289	316 SS Platter 400x500MM			Call
	22008765	316 SS Platter 457x457MM			Call
	22010290	316 SS Platter 500x650MM			Call
	22010291	316 SS Platter 600x800MM			Call

BBA449check+ Documentation

22013821A	BBA4x9 / IND4x9 Installation Guide (English)		\$8.25
22015313	BBA449check+ / IND449check+ User Manual (English)		\$11.55
22013973A	BBA4x9 / IND4x9 Quick Guide (Multi-lingual)		\$8.25
22013826A	BBA4x9 / IND4x9 Service Manual (English)		\$8.25
IN03457.OE	BBA4x9 / IND4x9 Literature (English)		\$0.00



IND425



IND4x5

Weighing Terminals

Approvals:

- USA: Class II 100,000d; Class III/IIIL 10,000d; COC#05-010
- Measurement Canada Approval: Class II 100,000d; Class III/II HD 10,000d; #AM-5588

IND425 Standard Features:

- One analog scale interface
- Drives up to four 350 Ohm load cells

(Note: The IND425 does not include counting software)

- Die-cast aluminum housing
- Fast LCD display with back-light

- Bi-directional RS232 interface
- IP65/TYPE 4 environmental protection

IND435 Count Standard Features:

- One analog scale interface
- Drives up to four 350 Ohm load cells
- Die-cast aluminum housing
- Fast LCD display with back-light
- Bi-directional RS232 interface

IND445 Count + Standard Features:

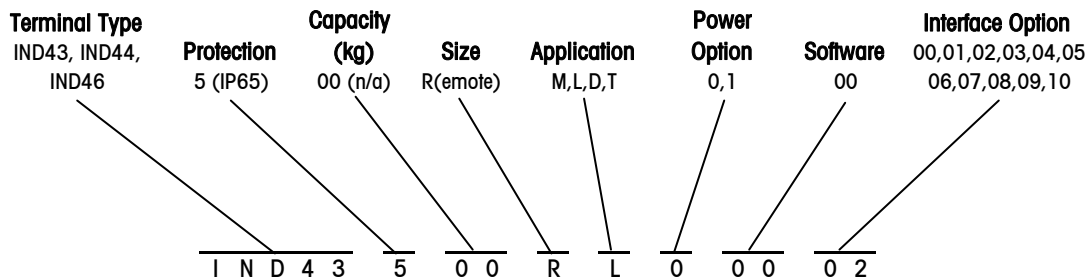
All IND435 Count features plus:

- Accumulation and Time & Date
- Numeric Keypad for APW, or manual Tare
- 2 numeric identification number
- 100 memory locations

IND465 Smart + Standard Features:

All IND445 Count + features plus:

- 1500 memory locations
- 3 RS232 interfaces
- PS2 port for barcode or keyboard
- Configurable soft keys

IND4x5 Model Configuration**Ordering Information****4 Series Remote**

Order Number	Application Software	Internal Resolution	NTEP Class III/IIIL Resolution	NTEP Class III/IIIL Resolution	Overall Dimensions	Shipping Weight (lb)	Suggested List Price (CDN\$)
COMMERCIAL							
IND43500RL	Count	300,000d	10,000d	100,000d	10.9" x 7.9" x 2.8"	6 lb	\$916
IND44500RD	Count +	300,000d	10,000d	100,000d		6 lb	\$1,163

APPLIED

IND46500RT	Smart +	300,000d	10,000d	100,000d	10.9" x 7.9" x 2.8"	6 lb	\$1,707
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Power Option

Order Number	Description	Applicable Models	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	none	M,L,D,T		\$0
1	30 hour NiMH rechargeable battery pack	M,L,D,T	2 lb	\$330

Software Option (choose one only)

00	none	M,L,D,T		\$0
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Counting Scales

IND4x5

Second Interface Option (choose one only)

Order Number	Description	Applicable Models	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	none	M,L,D,T		\$0
01	RS232	M,L,D		\$165
02	Digital I/O	M,L,D,T		\$440
03	RS485	M,L,D,T		\$440
04	USB (slave)	M,L,D,T		\$440
05	Ethernet (not IP65 environmentally protected)	M,L,D,T		\$440
06	Analog second scale interface	L,D,T		\$303
07	Analog second scale interface and digital I/O	T		\$743
08	Analog second scale interface and RS485	T		\$743
09	Analog second scale interface and USB (slave)	T		\$743
10	Analog second scale interface and ethernet	T		\$743

IND4x5 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22013159	30 hour NiMH rechargable battery pack kit		\$330
21255045	IND4x5 Terminal protective cover		\$18
21203903	W&M sealing kit (required kit for preparing IND425 for legal-for-trade)		\$49

IND4x5 Documentation

22011473	IND4x5 Installation Information (English)		\$8.25
22013192	IND425 User Manual (English)		\$8.25
22013193	IND435 User Manual (English)		\$8.25
22013194	IND445 User Manual (English)		\$8.25
22013195	IND465 User Manual (English)		\$8.25
22011358	BBx4xx / IND4x5 Service Manual (English)		\$14.85
22013407	IND4x5 Literature (English)		\$0.00



BBA432 / BBK432

4 Series Compact Scale Count

Approvals:

- NTEP Class II 60,000d (Monobloc); Class III 7,500d (Analog); COC #01-050A6
- Measurement Canada Approval: #AM-5437 Revision 2

Common Standard Features:

- Backlit 7-digit LC display
- Die-cast aluminum housing
- 1-RS232 interface
- 10 operational keys
- % Accuracy and % Capacity Indicators
- Hands-free counting, one touch sampling

Analog Features:

- Certifiable to NTEP Class III up to 7500d
- 1 part in 3 million internal resolution

MonoBloc Features

- Certifiable to NTEP Class II up to 60,000d
- up to 1 part in 17.5 million internal resolution

Options

- Internal battery power pack
- Protective cover

BBA432 / BBK432 Model Configuration

Model	Protection	Capacity (kg)	Size	Application	Power Option	Software	Interface Option
Count	2	03,06,15,35,60	P, S	L (Count)	0,1	00	00,01,02,03 04,05,06
B B A 4 3	2	1 5	S	L	0	0 0	0 2

Ordering Information

COMMERCIAL

4 Series Count with Analog Load Cell

Order Number	Maximum Capacity (lb/kg)	Minimum Resolution (lb/kg)	Overall Dimensions (in)	Weigh Pan Size (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
24 BBA43203PL	6 lb/3 kg	0.0005 lb/0.0002 kg	10.4" x 13.2" x 4.0"	7.9" x 9.5"	13 lb	\$1,192
BBA43206PL	12 lb/6 kg	0.001 lb/0.0005 kg			13 lb	\$1,192
BBA43215SL	30 lb/15 kg	0.002 lb/0.001 kg	14.2" x 14.6" x 4.5"	9.5" x 13.8"	21 lb	\$1,319
24 BBA43235SL	70 lb/35 kg	0.005 lb/0.002 kg			21 lb	\$1,319
BBA43260SL	120 lb/60 kg	0.01 lb/0.005 kg			21 lb	\$1,319



APPLIED

4 Series Count with MonoBloc Load Cell

Order Number	Maximum Capacity (lb/kg)	Minimum Resolution (lb/kg)	Platform Size (in)	Pan Size (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBK43203PL	6 lb/3 kg	0.00002 lb/0.00001 kg	10.4" x 13.2" x 4.0"	6.5" x 6.5"	13 lb	\$2,202
BBK43206PL	12 lb/6 kg	0.00005 lb/0.00002 kg		7.9" x 9.5"	13 lb	\$2,202
BBK43215SL	30 lb/15 kg	0.0001 lb/0.00005 kg	14.2" x 14.6" x 4.5"	9.5" x 13.8"	21 lb	\$2,579
BBK43235SL	70 lb/35 kg	0.0002 lb/0.0001 kg			21 lb	\$2,620

24 Stocked to ensure 24 hour delivery on up to 10 identical units

Counting Scales

BBA432 / BBK432

Power Option				Shipping Weight (lb)	Suggested List Price (CDN\$)
Order Number	Description				
0	none				\$0
1	30 hour NiMH rechargeable battery pack			2 lb	\$330
Software Option (choose one only)					
00	none				\$0
Second Interface Option (choose one only)					
00	none				\$0
01	RS232				\$165
02	Digital I/O				\$440
03	RS485				\$440
04	USB (slave)				\$440
05	Ethernet (not IP65 environmentally protected)				\$440
06	Analog second scale interface				\$303
BBA432 / BBK432 Field Installation Kits					
Order Number	Option Number	Model	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22013167	01	Count	Field kit for 2nd RS232		\$187
22013142	02	Count	Field kit for Digital I/O		\$462
22013145	03	Count	Field kit for RS485		\$462
22013144	04	Count	Field kit for USB (slave)		\$462
22013143	05	Count	Field kit for Ethernet (not IP65 environmentally protected)		\$462
22013146	06	Count	Field kit for Analog 2nd scale		\$325
BBA432 / BBK432 Accessories					
Order Number	Description			Shipping Weight (lb)	Suggested List Price (CDN\$)
22013140	30 hour NiMH rechargeable battery pack kit				\$330
22013141	External power connector kit (includes AC adapter)				\$53
22013791	Mating cable (6') for connecting 12-20 VDC power source to 22013141				\$48
21203903	Certification kit (W&M sealing kit for legal-for-trade applications)				\$49
22013181	BBA432 / BBK432 User Manual				\$11.55
229175	Antitheft device, metal rod lock				\$51
590101	Antitheft device, cable lock				\$53
21203207	Scale protective in-use cover for small chassis				\$26
21203206	Scale protective in-use cover for large chassis				\$28
09010310000	Soft sided carrying case for large platform (not to be used with BBK)				\$112
225269	Glass draft shield for BBK4x203 - 135 mm working height (requires 22011304 adapter plate)				\$230
22011304	Adapter plate (required with 225269 draft shield)				\$236



BBA442 / BBK442

4 Series Compact Scale
Count +

Approvals:

- NTEP Class II 60,000d (Monobloc); Class III 7,500d (Analog); COC #01-050A6
- Measurement Canada Approval: #AM-5437 Revision 2

Common Standard Features:

- Backlit 7-digit LC display
- Die-cast aluminum housing
- 1-RS232 interface
- Numeric keypad
- % Accuracy and % Capacity Indicators
- Hands-free counting, one touch sampling
- 100 memory locations

Analog Features:

- Certifiable to NTEP Class III up to 7500d
- 1 part in 3 million internal resolution

MonoBloc Features

- Certifiable to NTEP Class II up to 60,000d
- Up to 1 part in 17.5 million internal resolution

Options

- Battery power pack
- Protective cover

BBA442 / BBK442 Model Configuration

Model	Protection	Capacity (kg)	Size	Application	Power Option	Software	Interface Option
Count +	2	03,06,15,35,60	P, S	D (Count +)	0,1	00	00,01,02,03 04,05,06
B B A 4 4	2	1 5	S	D	0	0 0	0 2

Ordering Information

COMMERCIAL

4 Series Count + with Analog Load Cell

Order Number	Maximum Capacity (lb/kg)	Minimum Resolution (lb/kg)	Overall Dimensions (in)	Weigh Pan Size (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA44203PD	6 lb/3 kg	0.0005 lb/0.0002 kg	10.4" x 13.2" x 4.0"	7.9" x 9.5"	13 lb	\$1,465
BBA44206PD	12 lb/6 kg	0.001 lb/0.0005 kg			13 lb	\$1,465
BBA44215SD	30 lb/15 kg	0.002 lb/0.001 kg	14.2" x 14.6" x 4.5"	9.5" x 13.8"	21 lb	\$1,588
BBA44235SD	70 lb/35 kg	0.005 lb/0.002 kg			21 lb	\$1,588
BBA44260SD	120 lb/60 kg	0.01 lb/0.005 kg			21 lb	\$1,588



APPLIED

4 Series Count + with MonoBloc Load Cell

Order Number	Maximum Capacity (lb/kg)	Minimum Resolution (lb/kg)	Platform Size (in)	Pan Size (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBK44203PD	6 lb/3 kg	0.00002 lb/0.00001 kg	10.4" x 13.2" x 4.0"	6.5" x 6.5"	13 lb	\$2,383
BBK44206PD	12 lb/6 kg	0.00005 lb/0.00002 kg		7.9" x 9.5"	13 lb	\$2,383
BBK44215SD	30 lb/15 kg	0.0001 lb/0.00005 kg	14.2" x 14.6" x 4.5"	9.5" x 13.8"	21 lb	\$2,749
BBK44235SD	70 lb/35 kg	0.0002 lb/0.0001 kg			21 lb	\$3,240

Stocked to ensure 24 hour delivery on up to 10 identical units

Counting Scales

BBA442 / BBK442

Power Option				Shipping Weight (lb)	Suggested List Price (CDN\$)
Order Number	Description				
0	none				\$0
1	30 hour NiMH rechargeable battery pack			2 lb	\$330
Software Option (choose one only)					
00	none				\$0
Second Interface Option (choose one only)					
00	none				\$0
01	RS232				\$165
02	Digital I/O				\$440
03	RS485				\$440
04	USB (slave)				\$440
05	Ethernet (not IP65 environmentally protected)				\$440
06	Analog second scale interface				\$303
BBA442 / BBK442 Field Installation Kits					
Order Number	Option Number	Model	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
21203678	01	Count +	Field kit for 2nd RS232		\$187
22013142	02	Count +	Field kit for Digital I/O		\$462
22013145	03	Count +	Field kit for RS485		\$462
22013144	04	Count +	Field kit for USB (slave)		\$462
22013143	05	Count +	Field kit for Ethernet (not IP65 environmentally protected)		\$462
22013146	06	Count +	Field kit for Analog 2nd scale		\$325
BBA442 / BBK442 Accessories					
Order Number	Description			Shipping Weight (lb)	Suggested List Price (CDN\$)
22013140	30 hour NiMH rechargeable battery pack kit				\$330
22013141	External power connector kit (includes AC adapter)				\$53
22013791	Mating cable (6') for connecting 12-20 VDC power source to 22013141				\$48
21203903	Certification kit (W&M sealing kit for legal-for-trade applications)				\$49
22013182	BBA442 / BBK442 user's manual				\$27.50
229175	Antitheft device, metal rod lock				\$51
590101	Antitheft device, cable lock				\$53
21203207	Scale protective in-use cover for small chassis				\$26
21203206	Scale protective in-use cover for large chassis				\$28
09010310000	Soft sided carrying case for large platform (not to be used with BBK)				\$112
225269	Glass draft shield for BBK44203PL- 135 mm working height (requires 22011304 adapter plate)				\$230
22011304	Adapter plate (required with 225269 draft shield)				\$236



BBA462 / BBK462

4 Series Compact Scale
Smart +

APPLIED

Approvals:

- NTEP Class II 60,000d (Monobloc); Class III 7,500d (Analog); COC #01-050A6
- Measurement Canada Approval: #AM-5437 Revision 2

Common Standard Features:

- Backlit active dot matrix display
- Die-cast aluminum housing
- 3 RS232 and 1 PS2 interface
- Alphanumeric keypad
- % Accuracy and % Capacity Indicators
- Hands-free counting, one touch sampling
- 1500 memory locations

Analog Features:

- Certifiable to NTEP Class III up to 7500d
- 1 part in 3 million internal resolution

MonoBloc Features

- Certifiable to NTEP Class II up to 60,000d
- up to 1 part in 17.5 million internal resolution

Options

- Battery power pack
- Protective cover



BBA462 / BBK462 Model Configuration

Model	Protection	Capacity (kg)	Size	Application	Power Option	Software	Interface Option
Smart +	2	03,06,15,35,60	P, S	T (Smart +)	0,1	00	00,01,02,03,04,05 06,07,08,09,10
B B A 4 6	2	1 5	S	T	0	0 0	0 2

Ordering Information

4 Series Smart + with Analog Load Cell

Order Number	Maximum Capacity (lb/kg)	Minimum Resolution (lb/kg)	Overall Dimensions (in)	Weigh Pan Size (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA46203PT	6 lb/3 kg	0.0005 lb/0.0002 kg	10.4" x 13.2" x 4.0"	7.9" x 9.5"	13 lb	\$2,012
BBA46206PT	12 lb/6 kg	0.001 lb/0.0005 kg			13 lb	\$2,012
BBA46215ST	30 lb/15 kg	0.002 lb/0.001 kg			21 lb	\$2,138
24 BBA46235ST	70 lb/35 kg	0.005 lb/0.002 kg	14.2" x 14.6" x 4.5"	9.5" x 13.8"	21 lb	\$2,138
BBA46260ST	120 lb/60 kg	0.01 lb/0.005 kg			21 lb	\$2,138

4 Series Smart + with MonoBloc Load Cell

Order Number	Maximum Capacity (lb/kg)	Minimum Resolution (lb/kg)	Platform Size (in)	Pan Size (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBK46203PT	6 lb/3 kg	0.00002 lb/0.00001 kg	10.4" x 13.2"	6.5" x 6.5"	13 lb	\$3,023
BBK46206PT	12 lb/6 kg	0.00005 lb/0.00002 kg	x 4.0"	7.9" x 9.5"	13 lb	\$3,023
BBK46215ST	30 lb/15 kg	0.0001 lb/0.00005 kg	14.2" x 14.6"	9.5" x 13.8"	21 lb	\$3,402
BBK46235ST	70 lb/35 kg	0.0002 lb/0.0001 kg	x 4.5"		21 lb	\$3,904

24 Stocked to ensure 24 hour delivery on up to 10 identical units

Counting Scales

BBA462 / BBK462

Power Option					Shipping Weight (lb)	Suggested List Price (CDN\$)
Order Number	Description					
0	none					\$0
1	30 hour NiMH rechargeable battery pack				2 lb	\$330
Software Option (choose one only)						
00	none					\$0
01	Coin counting for "kiosk" operation (no accumulation)					\$363
Second Interface Option (choose one only)						
00	none					\$0
02	Digital I/O					\$440
03	RS485					\$440
04	USB (slave)					\$440
05	Ethernet (not IP65 environmentally protected)					\$440
06	Analog second scale interface					\$303
07	Analog second scale interface and digital I/O					\$743
08	Analog second scale interface and RS485					\$743
09	Analog second scale interface and USB (slave)					\$743
10	Analog second scale interface and ethernet					\$743
BBA462 / BBK462 Field Installation Kits						
Order Number	Second Order Number	Option Number	Model	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22013150	n/a	02	Smart +	Field kit for Digital I/O		\$462
22013149	n/a	03	Smart +	Field kit for RS485		\$462
22010153	n/a	04	Smart +	Field kit for USB (slave)		\$462
22008018	n/a	05	Smart +	Field kit for Ethernet (not IP65 protected)		\$462
22013151	n/a	06	Smart +	Field kit for Analog 2nd scale		\$325
22013151	22013150	07	Smart +	Field kit for Analog 2nd scale and digital I/O		\$787
22013151	22013149	08	Smart +	Field kit for Analog 2nd scale and RS485		\$787
22013151	22010153	09	Smart +	Field kit for Analog 2nd scale and USB (slave)		\$787
22013151	22008018	10	Smart +	Field kit for Analog 2nd scale and ethernet		\$787
BBA462 / BBK462 Accessories						
Order Number	Description				Shipping Weight (lb)	Suggested List Price (CDN\$)
22013140	30 hour NiMH rechargeable battery pack kit					\$330
22013141	External power connector kit (includes AC adapter)					\$53
22013791	Mating cable (6') for connecting 12-20 VDC power source to 22013141					\$48
09170340000	88 key QWERTY keyboard					\$273
21203903	Certification kit (W&M sealing kit for legal-for-trade applications)					\$49
22013183	BBA462 / BBK462 User's Manual					\$27.50
229175	Anti theft device, metal rod lock					\$51
590101	Anti theft device, cable lock					\$53
21203207	Scale protective in-use cover for small chassis					\$26
21203206	Scale protective in-use cover for large chassis					\$28
09010310000	Soft sided carrying case for large platform (not to be used with BBK)					\$112
225269	Glass draft shield for BBK44203PL- 135 mm working height (requires 22011304 adapter plate)					\$230
22011304	Adapter plate (required with 225269 draft shield)					\$236
22009981	SmartManager software for PC					\$561

4 Series Counting Accessories

4 Series Accessories

Order Number	For Model	Description	Suggested List Price (CDN\$)
22013140	All 4 Series	30 hour NiMH rechargeable battery pack kit (not IND4XX terminals)	\$330
22013141		External power supply 12V - 24V	\$53
22013791		Mating cable (6') for connecting 12-20 VDC power source to 22013141	\$48
21203903		Certification kit (W&M sealing kit for legal-for-trade applications)	\$49
22013181	Count	BBA432 / BBK432 user's manual	\$11.55
22013182	Count +	BBA442 / BBK442 user's manual	\$27.50
22013183	Smart +	BBA462 / BBK462 user's manual	\$27.50
21203207	Small Chassis	Scale in-use protective cover	\$26
21203206	Large Chassis	Scale in-use protective cover	\$28
09010310000		Soft sided carrying case for large chassis (not to be used with BB	\$112
21302875	All 4 Series	2nd display LCD - no backlight (5' cable)	\$335
21252588		Cable RS232 DB9f/DB9f twisted with 2 gender changer male/male 5ft - for scale-to-scale or scale-to-Zebra printer	\$94
21302921		Cable RS232 DB9m/DB9m 3ft -for 8863, 8867 printers	\$86
11101051		Cable RS232 DB9m/DB9f straight through 1 m (scale to computer)	\$68
410024		Cable RS232 DB9m/DB9f straight through 1.8 m (scale to computer)	\$101
1438950TC	4 Series IND Terminal	12" Stainless steel column kit WB, WH, CB, CBU	\$140
1449210TC		19.5" Stainless steel column kit WB, WH, CB, CBU	\$184
1438940TC		40" Stainless steel column kit only for 24"x24" CB and CBU	\$310
22010056		Column mount bracket that fits onto 1438950TC, 1449210TC, 1438940TC	\$128
22010045		Wall mount bracket (fits also the floor scale columns)	\$128
21255045		Terminal protective cover	\$18
22013159		30 hour NiMH rechargeable battery pack kit	\$330
64056496		Stainless steel cylindrical sleeve for WB/WH/CB/CBU columns	\$30
ACFCSJ0000	All 4 Series	Shelf for two scale application with Masstron column	\$563
21901297B	Smart +	Barcode reader with PS2-Y cable connection	\$746
LC-I/O		Relay output box; 8 in/8 out (CSA approved) 12VDC, 350 mA power supply not included DB9 M-F straight thru RS232 cable required	\$1,289
22001088	All 4 Series	4 I/O relay module with terminal strip for Digital I/O option	\$440
22003712		24 VDC power supply unit for relay module (120 VAC)	\$313
21203892	Count/Count+	Y cable (Adds COM2 printer port if analog 2nd scale installed)	\$90

Zebra Printer (Smart+ only)

Standard Features:

- Compact, direct thermal printers
- Print speed up to 4" per second
- RS232 serial interface
- Up to 2.326" (LP2824) or 4.25" (LP2844) label width
- 100-240 VAC, 50-60 Hz

Order Number	For Model	Description	Suggested List Price (CDN\$)
22009327	Zebra Printer (Smart + only)	Label printer Zebra LP2844 large	\$759
22009328		Label printer Zebra LP2824 small	\$616
22009329		1 roll of labels for 2844 (4"Wx4"L) - 350 labels per roll	\$14
22009329CASE		1 case of labels for 2844 (4"Wx4"L) - 12 rolls per case	\$160
22009330		1 roll of labels for 2824 (2"Wx4"L) - 350 labels per roll	\$11

Count-690

Weighing Terminal for Counting



IND690 Desk/Wall & Panel

APPLIED

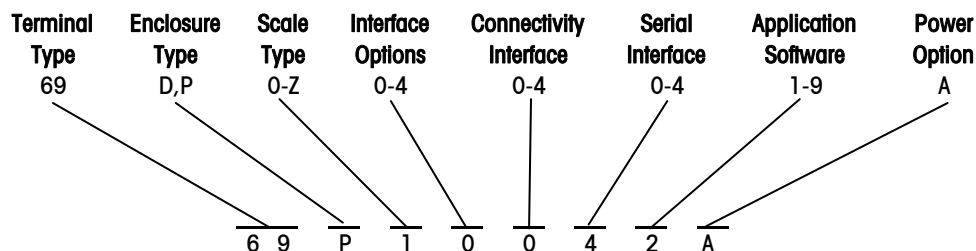
Approvals:

- NTEP Class II 100,000d; Class III 10,000d; COC #06-051
- Measurement Canada Approval: #AM-5437 Revision 2

Count-690 Features:

- IP69k Desk/Wall or Panel enclosure
- Up to 4 scales - analog (4-350Ω), IDNET or SICS
- Piece Weight determinatin
- Piece Weight entry
- Piece Filling application
- Totalizing for Piece counting and weighing mode
- 999 Average Piece Weight memories : ID and article number
- 999 Target memories : ID and article number
- Recall Targets with barcode reader or keypad entry
- Sum memory
- Item counter up to 9999

IND690 Model Configuration



Ordering Information **Maximum of 8 selectable Slots per IND690**

IND690 Enclosure Type (select one)

Order Number	Description	Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
D	Desk	-		\$1,786
P	Panel	-		\$1,729

IND690 Scale Option Code (select one)

Z	none	none	none	0	\$0
C	1-Analog Scale	none	none	1	\$440
D	2-Analog Scales	none	none	2	\$880
E	3-Analog Scales	none	none	3	\$1,320
7	4-Analog Scales	none	none	4	\$1,760
0	none	1-IDNet Scale	none	1	\$440
1	1-Analog Scale	1-IDNet Scale	none	2	\$880
2	2-Analog Scales	1-IDNet Scale	none	3	\$1,320
3	3-Analog Scales	1-IDNet Scale	none	4	\$1,760
4	none	2-IDNet Scales	none	2	\$880
K	1-Analog Scale	2-IDNet Scales	none	3	\$1,320
S	1-Analog Scale	3-IDNet Scales	none	4	\$1,760
P	none	2-IDNet Scales	1-SICS Scale	3	\$1,320
5	none	3-IDNet Scales	none	3	\$1,320
6	none	4-IDNet Scales	none	4	\$1,760
F	none	none	1-SICS Scale	1	\$440

Count-690

IND690 Scale Option Code - continued (select one)

Order Number	Description			Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
N	1-Analog Scale	none	1-SICS Scale	2		\$880
8	none	1-IDNet Scale	1-SICS Scale	2		\$880
G	none	none	2-SICS Scales	2		\$880
A	none	1-IDNet Scale	2-SICS Scales	3		\$1,320
9	1-Analog Scale	1-IDNet Scale	2-SICS Scales	4		\$1,760
H	none	none	3-SICS Scales	3		\$1,320
M	1-Analog Scale	none	3-SICS Scales	4		\$1,760
B	none	1-IDNet Scale	3-SICS Scales	4		\$1,760
J	none	none	4-SICS Scales	4		\$1,760

IND690 Interface Option (select one)

0	None	0		\$0
1	4 I/O	1		\$220
2	Analog Out	1		\$550
3	Profibus DP	2		\$704
4	Profibus DP plus 4 I/O	3		\$924

IND690 Connectivity Interface (select one)

0	None	0		\$0
1	USB	1		\$220
2	Bluetooth	1		\$660
3	Wireless LAN	1		\$743
4	Ethernet	1		\$710

IND690 Serial Interface (select one)

0	1- RS232	1		\$0
1	2- RS232	2		\$220
4	3- RS232	3		\$440
5	4- RS232	4		\$660
2	1- RS485/422, 1- RS232	2		\$220
3	CL20mA, 1- RS232	2		\$220
6	CL20mA, 2- RS232	3		\$440

IND690 Application (select one)

1	Base-690	Stored tare, target, template memories	-	\$132
2	Count-690	Piece counting and piece filling; APW memory; Refill correction	-	\$330
3	Form-690	Manual formulation up to 15 materials; no stored formulas	-	\$385
4	Com-690	Provides remote control of IND690 from a PC; use with	-	\$440
5	Sum-690	Totalize the usage of individual or all materials processed	-	\$330
6	Fill-690	Auto control filling sequences : fill, lance fill, bung hole fill	-	\$605
7	Control-690	Auto or manual control basic weighing, checkweighing,	-	\$660
8	Batch-690 **	Auto or manual control of batching sequences : fill, batch, dose	-	\$715
9	FormXP-690	Manual formulation; Stored formulas, inventory control, software	-	\$1,045

** Order RS485 Interface Module, (2) 8 I/O Relay Modules 22011968, (1) Power Supply 22003712

IND690 Power Option (select one)

A	USA	-		\$0
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IND690 Documentation

22012813	Service/Technical Manual (English)		\$8.25
22012803	Installation Manual (English)		\$11.55
IN03448.OE	Literature		\$0.00
22012808	User's Guide		\$14.85
22012816	Count-690 Operating Instructions		\$8.25

Refer to the Instrumentation section for a complete offering of IND690 accessories.

Notes



IND560 Terminals

Custom Packaging Solutions

CONSULTATIVE

Approvals:

- USA: Class II 100,000d; Class III/IIIL 10,000d; COC#05-010
- Measurement Canada approval: Class II 100,000d; Class III/II HD 10,000d AM-5593

Standard Features:

- Mild Steel, 16"H x 16"W x 6"D Enclosure
- Type 4X (pending)
- RS232 Serial Interface
- Analog or ID Net Interface
- Local I/O - 4 inputs / 6 outputs
- 1-input and 1-E-stop push button

Options:

- Stainless Steel enclosure
- PLC interface
- Ethernet network interface

**Ordering Information****IND560 X-Purge**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
C5610000000001	IND560 in Mild Steel X-Purged Box, ISB15 installed		\$21,368

IND560 Custom

C56100000000M00	IND560 in Mild Steel Div II Box, No options		\$3,185
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	Scale Interface	Start	E-Stop	Jog	Tare	Print	Tol. OK	Feed, Feed	Ethernet	Analog Out	Profibus	Device Net	Basic Software	I/O Volts	Arm	Haz. Area	Enclosure	
C56111000000M00	Single Analog Scale	•	•										•	110		M		\$4,077
C56121AA0000M01		•	•	•					•	•			•	110		M		\$4,629
C561210B0000M01		•	•	•							•		•	110		M		\$4,451
C56121AB0000M01		•	•	•					•		•		•	110		M		\$4,640
C56121AP0000M01		•	•	•					•			•	•	110		M		\$4,640
C56411000000M00	Single IDNet Scale	•	•										•	110		M		\$4,077
C56421AA0000M01		•	•	•					•	•			•	110		M		\$4,629
C564210B0000M01		•	•	•							•		•	110		M		\$4,451
C564210AB0000M01		•	•	•					•		•		•	110		M		\$4,640
C56421AP0000M01		•	•	•					•			•	•	110		M		\$4,639

IND 560 Custom Accessories

Push Button	Factory installed	\$248
Pilot Lights (white)	Factory installed	\$248
91154000A	Colored pilot light lens inserts - 2-green, 1-red, 3-yellow, 1-blue	\$41
Stainless Steel Enclosure	12" x 16" x 13" 304 Type 4X	\$946
Non-recurring engineering charge for Custom documentation set (Simple Operators are factory installed)		\$550

Fill-560 Custom

4 Material

Custom Packaging Solutions



CONSULTATIVE

Approvals:

- USA: Class II 100,000d; Class III/IIIL 10,000d; COC#05-010
- Measurement Canada approval: Class II 100,000d; Class III/III HD 10,000d AM-5593

Standard Features:

- Mild Steel, 16"H x 20"W x 8"D Enclosure
- Type 4
- 4Material, Multi Sequences
- Analog or ID Net Interface
- Local I/O - 4 inputs / 6 outputs
- RS232 Serial Interface
- 1-input and 1-E-stop push button

Options:

- Ethernet network interface
- PLC interface
- Stainless Steel

Ordering Information

Fill-560 Custom

Order Number	Scale Type	Software	In put	Out put	oper install	E-Stop	Weigh-In Start	Print	Jag	Weigh-out Start	feed	Fast Feed	Material 1	Material 2	I/O Volts	Ethernet	Analog Out	A/B RIO	Profibus	ARM	Shipping Weight (lb)	Suggested List Price (CDN\$)	
C5611100F000M00	Single Analog Scale	IND560 Fill	4	6	1	•	•								110					0		\$4,629	
C56111AAF000M00			4	6	1	•	•									110	•	•			0		\$5,174
C561210BF000M01			4	6	2	•	•		•							110			•		0		\$5,366
C561310AF000M24			4	6	3	•	•					•		•		110		•			0		\$5,646
C561510BF010M25			6	8	5	•	•		•	•	•		•			110			•		1		\$6,794
C56141ABF010M26			8	12	4	•	•	•	•	•						110	•		•		1		\$6,693
C5641100F000M00	Single IDNet Scale		4	6	1	•	•									110					0		\$4,629
C56411AAF000M00			4	6	1	•	•									110	•	•			0		\$5,174
C561210BF000M01			4	6	2	•	•		•							110			•		0		\$4,725
C564150BF010M25			6	8	5	•	•		•	•	•		•			110			•		1		\$6,794
C56E150BF010M26			8	12	4	•	•	•	•	•						110	•		•		1		\$6,693

Fill-560 Custom Accessories

Stainless Steel Encl	12" x 14" x 6", 304 Stainless	\$946
Custom drawings	3 sets	\$757
Push Button	Installed, not wired	\$248
Pilot Lights (white)	Installed, not wired	\$248
91154000A	Colored pilot light inserts - 2-green, 1-red, 3-yellow, 1-blue	\$41
ARM 0	Additional ARM not required for up to 4 inputs (5V) / 6 outputs (24-240V)	\$0
ARM 1	Required for up to 8 inputs (5V) / 12 outputs (24-240V). Includes a power suppl	\$591
ARM 2	Required for up to 12 inputs (5V) / 18 outputs (24-240V). Includes a power sup	\$1,018
Larger Enclosure	Required for >8 total I/O. 16"H x 14"W x 6"D.	\$729
Advanced Filling Operators	Non-Recurring Engineering charge, 2 sets of Custom Documentation	\$605
Advanced Filling Operators	Wiring and tags for each operator.	\$121

Input name tags		Output Name Tags	
Disable Keypad	Target Start/Resume	Material 1	Weigh-in Feed
Disable Setup	Weigh-in Start	Material 2	Weigh-in Fast Feed
Enter	Weigh-out Start	Material 3	Weigh-out Feed
Target Pause/Abort		Material 4	Weigh-out Fast Feed



IND690

IND690 Terminals

Custom Packaging Solutions

CONSULTATIVE

Environmental Protection

- USA: Class II 100,000d; Class III/IIIL 10,000d; COC #06-051
- Canada: Class II 100,000d; Class III/III HD 10,000d AM-5464

Environmental Protection

- 304 Stainless Steel Enclosures TYPE 4X
- Flanged/Flush Mount Enclosures
- Watershed™ NSF CO1 compliant

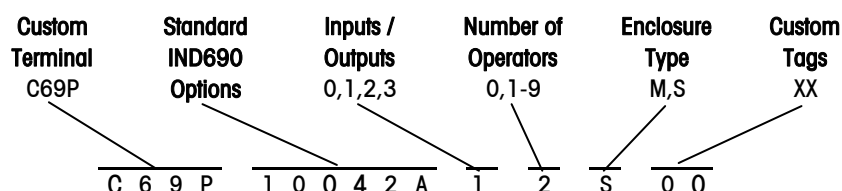
Options

- Stainless steel enclosure
- Manual operators and internal I/O
- Custom installation or wiring of options
- Hazardous Area - ISB module required
- EZ Clean Control option available

Standard Features

- One, two, or three panel mount terminals mounted in mild steel enclosure
- Instruments wired to Power Panel
- Drawings and Documentation (1 set with equipment, additional for a fee)

IND690 Custom Model Configuration



Ordering Information

IND690 Custom Terminal Packages

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
C69P	IND690 panel mount terminal in custom 20" x 20" x 6" enclosure		\$2,277

Standard IND690 Options

See the Instrumentation section of the pricebook for the IND690 to select:

Scale Type, Interface Option, Connectivity Interface, Serial Interface, Application, and Power options.

Custom IND690 Inputs and Outputs

0	none	\$0
1	4 relays with power supply (1-4 I/O relay box)	\$523
2	8 relays with power supply (1-8 I/O relay box)	\$853
3	16 relays with power supply (2-8 I/O relay boxes)	\$1,403

Custom IND690 Operators (9 maximum)

0	none	\$0
1-9	Each Operator	\$281

Custom IND690 Enclosure Material

M	Mild steel, painted	\$0
S	Stainless steel, polished	\$930

Custom IND690 Operator Tags (price included with Operators)

00	none	\$0
01	Start, Stop	\$0
02	Start, Stop, Hold	\$0
03	Start, Stop, Jog	\$0
04	Start, Stop, Discharge	\$0

Note: Additional Operator Tag combinations are available.

IND780 Terminals

Custom Packaging Solutions



CONSULTATIVE

Approvals:

- NTEP Class III/IIIL 10,000d; Class II 100,000d; COC #06-017
- Measurement Canada approval: Class II 100,000d; Class III/II HD 10,000d AM-5592

Standard Features:

- Desk/Wall or Panel enclosure
- One RS232 serial port
- One RS232/422/485 serial port
- One Ethernet TCP/IP port
- Graphical backlit LCD display
- 6 user selectable soft keys, CTPZ, and 4 application keys
- Flexible print templates
- Multiple serial protocols for easy connectivity
- USB Master for external keyboard

Optional

- Up to 4 simultaneous scales and SUM scale
- ControlNet, EtherNet/IP, RIO, Profibus
- Discrete IO 4in/4out (include B in the Comm I/O slot)
- Programmable TaskExpert

Environmental Protection

- Mild Steel Enclosures TYPE 4X
- 304 Stainless Steel Enclosures TYPE 4X
- X-Purge - Suitable for Class I & II; Divisions 1 & 2; Group C,D,E,F,G; T4 (NOT CSA APPROVED)
Must be approved locally.
- Flanged/Flush Mount Enclosures for use in limited space areas, pharmaceutical clean room. EZ Clean Control option available.
- Watershed™ NSF CO1 compliant enclosure for food processing/pharmaceutical applications

Standard Customizations

- One, two, or three panel mount terminals mounted in Stainless Steel enclosure.
- Instruments wired to Power Panel
- Drawings and Documentation (1 set with equipment, additional for a fee)
- Hazardous Area--X-Purge package

Custom Options

- Terminal packages do not include any instrument options. Options may be added at Suggested List Price.
- Manual operators and internal I/O.
- Custom installation or wiring of options.
- Additional Documentation



Contact Custom Systems Application Support for quotes.

Terminal Packages

Panther Division II Enclosure

Order Number	Enclosure Type	Enclosure Size*			Terminal	Excitation Voltage	Environment	Shipping Weight (lb)	Suggested List Price (CDN\$)
		H	W	D					
CPTPN000000	Stainless Steel	12"	10"	6"	(1)PTPN100000	5V	Div II		\$1,865
CPTPN000002					(1)PTPN101000		Div II-High Level Output		\$2,227
CPTPN000003					(2)PTPN100000		Div II 2		\$2,533
CPTPN000004					(1)PTPN180000		Div II-Analog Output		\$2,227
CPTPN000005					(2)PTPN101000		Div II-High Level Output		\$3,837
CPTNN000007					(1)PTPN160000		Div II - A-B RIO		\$2,227
CPTPN000008					(2)PTPN180000		Div II - Analog output		\$3,837
CPTPN000009					(1)PTPN181000		Div II - Analog/High		\$2,592

Custom In-Wall packages

CFPTPN00001	Stainless	19"	16"	6"	PTPN100000	5V	Safe Area Wash Down		\$5,102
CF560P1000000	Steel	16"	16"	6"	IND560	10V			\$5,515
CFP690100001A	Flanged	16"	20"	8"	IND690	10V			\$6,426
CFEZPTPN001	as above w/	19"	16"	6"	PTPN100000	5V	Safe Area Wash Down		\$6,939
CFEZ560P1000	EZ-Clean	16"	16"	6"	IND560	10V			\$7,317
CFEZ690P10001A	controls	16"	20"	8"	IND690	10V			\$8,131

*External dimensions (does not include flange when applicable)

Custom Systems Terminal Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
FLUSH MOUNT	Flanged, in wall-mounting modification of standard custom enclosure.		\$2,859
Custom Cabinet	Increase cabinet size to the next FF designation ("A" to "B", "B" to "C", etc.)		\$495
EZ CLEAN	EZ-Clean Controls Mounted in Fast Factory Enclosure		\$1,765
Push-button	Push-button, Safe area, specify color (Black, Red, Green) and nameplate (Start, Stop, Discharge, Clear, Jog, Print, Hold, Select, etc.)		\$248
7/9 Push Button	Push Button for use in Div I area.		\$405
E-Stop	Mushroom Head Push-button, Safe Area—2 position maintained, red		\$297
7/9 E-Stop	Mushroom Head Push-button, Div I Area —2 position maintained, red		\$317
Switch	Selector Switch—Specify keyed or non-keyed and number of positions (One, Two, or Three) Safe Area		\$248
7/9 Switch	Selector Switch—Specify keyed or non-keyed and number of positions (One, Two, or Three) Div I area		\$425
Light	Indicator Light Safe Area Safe Area—specify color (Clear, Red, Green, Yellow)		\$317
7/9 Light	Indicator Light Safe Area—specify color (Clear, Red, Green, Yellow)		\$341
I/O rack	8 I/O OPTO 22 G4 rack with harness to terminal		\$710
I/O rack	16 I/O OPTO 22 G4 rack with harness to terminal		\$783
Modules	AC Input, 90—140 VAC		\$27
Modules	AC Input, 180—280 VAC		\$27
Modules	AC Output, 24—280 VAC, 1A		\$27
Modules	Quench Arc, spike suppressors		\$14

Push-Button Stations

TYPE PB(1)	TYPE 7/9 Push-button station, 1 push-button (specify function)	\$1,052
TYPE PB(2)	TYPE 7/9 Push-button station, 2 push-buttons (specify function) (Example: Start/Stop)	\$1,227
TYPE PB(3)	TYPE 7/9 Push-button station, 3 push-buttons (specify function)	\$1,693
TYPE PB(4)	TYPE 7/9 Push-button station, 4 push-buttons (specify function) (Example: CTPZ—Clear, Tare, Print, Zero)	\$2,089
PB(2)	Mild steel enclosure, 2 push-buttons (specify function)	\$436
PB(2) SS	304 Stainless steel enclosure, 2 push-buttons (specify function)	\$765
PB(4)	Mild steel enclosure, 4 push-buttons (specify function)	\$604
PB(4) SS	304 Stainless steel enclosure, 4 push-buttons (specify function)	\$888

Notes

Drumfilling Systems

Overview

CONSULTATIVE



Custom Filling Systems
Site Evaluation Form
must be filled out for quotes
to be issued.

The **Model 4S-55** is designed to provide accurate, subsurface, liquid filling of palletized 55-Gallon drums and totes.



The **Model T-5** is designed to provide accurate non-foamy liquid filling of 5 gallon pails.



**Semi Automatic Drum Filler
Controller**
IND560 Scale Controller
Allen Bradley MicroLogix PLC
Allen Bradley PanelView
Operator Interface



Manual Filler System
Single pail or drum
Portable option



Semi Automatic Quad Filler
4 containers
Top fill only

Manual Fill Controller

**Approvals:**

- NTEP Class III, 10,000d, Class II 100,000d COC #05-057A1
- Measurement Canada approval pending

- Mild steel Type 4x enclosure
- VF display, 21 mm weight display, graphical 128x64 dots
- Standard COM1: RS232/RS422/RS485
- Start, Pause/Abort, Resume, OK to Weigh-In Pushbuttons
- Ready, Feed, Fast Feed, Out of Tolerance indicator lights
- Stainless steel enclosure optional
- Raise and lower lance pushbutton
- Solenoid actuated high pressure control valves for feed and fast feed
- Find Feed adjustment, gauge indicator for flow rate adjustment
- Emergency stop pushbutton

C560DF Model Configuration												
Terminal Type	Enclosure Type	Scale Type	Fill Type	Ethernet/Serial	Future Use	PLC Interface		Application Software	Area classification		Power Option	Market
C56DF	M,S	1,4	M,S	0,A	0	0,A,B,P,R		M	0,2		0,A-H	00
	C 56 DF	M	1	M	A	0	A	M	S	0	0 0	

C560DF Terminal Type

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
C56DFM	Mild Steel enclosure		\$7,513
C56DFS	Stainless Steel		\$8,525
Scale Type			
1	Analog Scale Card		\$0
4	IDNet Scale Card		\$0
Drum Filling Type			
M	Manual Filling Controller, Pneumatic Lance Control		\$0
S	Semi Automatic (Future)		\$0
Ethernet/Serial			
0	None		\$0
A	Ethernet TCP/IP Port and Two Serial Ports		\$385
PLC Interface			
0	None		\$0
A	Analog Output (4-20mA or 0-10V)		\$550
B	Allen Bradley RIO Interface		\$550
P	Profibus L2 DP Interface		\$550
D	Device Net Interface		\$550
E	EtherNet/IP Interface		\$715
Drum Filling Application Software Option			
M	560Fill configured for manual drum filling		\$0
Drum Filling I/O voltage			
0	110VAC		\$0
1	220VAC		\$0
2	24 VDC		\$0
Drum Filling Arm100			
0	No ARM100		\$0
0	Safe Area		\$0
2	Class 1 Division 2/Zone 22		Call



DFLT Lance

Manual Lance Piping System

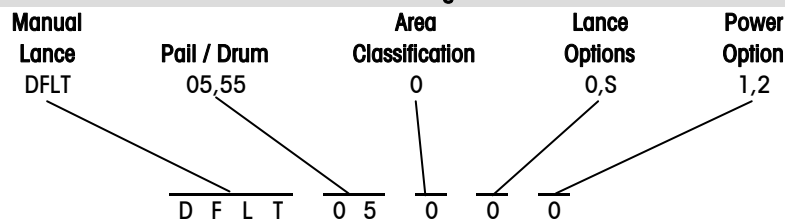
CONSULTATIVE

Standard Features:

- 316 stainless steel wetted Parts, 304 stainless steel on non-wetted
- Telescopic stanchion (mechanical support column manually adjustable)
Allows for changes in container heights or adjustments during installation.
- Top fill lance for filling non foaming products
- Dribble Adjustment
- Filter, Oiler and Regulator
- Lance Misalignment Protection
- No Drum / No Fill

Options

- Scale Conveyor
- Foot Valve and Drip Cup
- Portability Frame
- Manual Capping Press

DFLT Model Configuration**Ordering Information****DFLT Base**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
DFLT05	Single Pail		\$8,085
DFLT55	Single Drum		\$8,502

Area Classification

0	Safe Area	\$0
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Lance Options

0	None (316 Stainless , Standard)	\$0
S	Sanitary	\$565

Power Options

1	110 VAC	\$0
2	220 VAC	\$0

DFS

Drum-Filling System
Semiautomatic Filling

CONSULTATIVE

Environmental Protection

- TYPE 4X enclosure - painted mild steel or 304 stainless steel, Safe Class I & II: Division 1 or 2; Group C, D, E, F, G; T4
- Non-wetted parts - 304 stainless steel; wetted parts - 316 stainless steel with Teflon seals

Standard Features - Controller

- IND560 terminal
- Ethernet connection
- Filler tolerance
- No feed timer
- AB MicroLogix™ 1100 PLC
- Prefill target
- Decrementing container counter
- Automatic spill adjust
- 50 product fill data storage
- No container / no fill
- Lance flush by time or weight
- Product flow rate check
- Multiple product menus
- Cycle timer
- Final cutoff delay
- Resume fill

Standard Features - Machine

- 1 1/2 in NTP material delivery system, 316 stainless steel with Teflon seals
- Dual ball valve for 2 speed product delivery, fail safe foot valve
- Proximity switches for accurate positioning and safety interlocks
- Remote operator station on arm
- Drip cup and wiper ring
- Fume evacuation connection
- Container heights up to 40 in standard (72" optional)
- Surface and subsurface filling

Options

- Panel view upgrade to 600 monochrome, 600 color, 1000 color
- Controller modifications for conveyor sequencing or special logic
- Ground fault detection software and hardware modification
- Model 2158 Vertex floor scale
- Scale conveyor: Gravity or power in-feed and exit conveyor

DFS Model Configuration

Lance Ass'y	Lance Type	Fill Type	Fill Vessel	Height	Environment	Lance Options	Interface	Serial #
DFS	0,4	T,S	55	O,T	S,X,Z	O,S,A	1,4	XXXXX
D F S	0	S	X	1	S	0	7 4 2 3 2	

Ordering Information

DFL Lance Assembly (Other configurations are available - Call for quotes)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
DFSOT550	Top fill, fixed height for a single container	1100 lb	\$33,982
DFLOS550	Sub-surface fill, fixed height for a single container	1100 lb	\$40,123
DFL4T550	Swivel lance, top fill for four containers on a pallet	1600 lb	\$46,483
DFL4S550	Swivel lance, sub-surface fill for four containers on a pallet	1600 lb	\$52,580
DFL4T55T	Swivel lance, top fill adjustable height for multiple size containers or totes	1800 lb	\$44,674
DFL4S55T	Swivel lance, sub-surface fill, adjustable height for multiple size containers or totes	1800 lb	\$51,219

Environment

S	Safe area	\$0
X	Hazardous Area X-Purge, Suitable for Class I & II: Division 1 & 2; Group C, D, E, F, G; T4	\$10,953
Z	Hazardous Area Z-Purge, Suitable for Class I & II: Division 2; Group C, D, E, F, G; T4	\$4,777

Lance Options

O	None (316 stainless steel standard)	\$0
S	Sanitary - wetted parts	\$1,403

Scale Interface

1	Analog (standard)	\$0
4	IDNET Includes Scale card, PSU, and cable	\$2,217

Accessories

Lance Custom Assemblies

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
Dual Fixed	Fixed position, subsurface or surface dual fill lance assembly, for single 55 gal drum, dedicated lance for each product		Call
Quad	Quad, surface fill lance assembly for four drums on a pallet with four lances (sequential filling)		Call

Controller/Lance Accessories

SS Controller Package	All enclosures of stand in 304 stainless steel		\$2,827
Enhanced Fume Hood	Fume hood and site window		\$567
Bellow	Custom bellows for extreme fume collection are available		Call
Portability Frame	Portability frame for lance mounting for relocation of system using forklift (4S55)		\$3,317
PDC	Pneumatic operated drip cup with removable pan		\$569
Extended Lance	Long Stroke lance for subsurface 51" increase by 12" each		\$1,190
Ground Verification	With interlock		\$2,310

Material Delivery System/Parts

Sanitary 1 /12" Pipe Food Grade	Food grade material delivery system; Includes schedule 40, 316 SS tubing w/Teflon seals. Cherry-Burrell s-clamps for easily disconnect and cleaning of lance assembly, sanitary FP 316 SS ball valve and sanitary foot valve (high polish RA15 finish).		\$1,705
Corrosive Environment	Total stainless steel machine and enclosures		\$3,955
Flanged MDS	Flanged, four-bolt connection of pipe at horizontal "tee" (1-1/2" NPT pipe)		\$479
Flush Control	For Clean-In-Place (CIP) requirements. Consists of flush run/hold switch, I/O, software		Standard
Flush Adapter Sleeve	For Clean-In-Place (CIP) requirements. Lance sleeve.		\$1,153
N2 Purge	Nitrogen purge hardware (through lance rod out foot valve bottom) nitrogen purge software to blanket container prior to, during or after filling		\$550
Spare MDS	Spare material delivery system; 316 SS lance pipe (1-1/2" NPT), standard ball valve/actuator assembly and foot valve/actuator assembly		\$4,985
Spare MDS Food Grade	Spare material delivery system, as described above under Food MDS		\$6,152
Lance Spare Parts	Lance assembly spare parts kit (specify safe or hazardous area)		\$1,320
Quick Change	Quick disconnect		\$1,074

Material Handling

Accessories

15% Discount

The following accessories are available as options to the filling system.
Price does not include logic, sequencing or motor starters.

Material Handling Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
GRC Drum Scale Conveyor	30" Gravity roller conveyor, galvanized rails and frame, mild steel rollers. 27" effective conveying width, 32" or 36" overall width; " Long; 2-1/2" diameter rollers x 4" centers;		\$600
CDLR Drum Scale Conveyor	30" Power roller conveyor, galvanized rails and frame, mild steel rollers. 27" effective conveying width, 30" overall width; 30" long; 2-1/2" diameter rollers x 5" centers; 18" top of roller height; 1/2HP TEFC 230/240 VAC 3 phase AC motor; 30 FPM fixed speed; (motor starter not included)	Safe Area	\$2,054
		Explosion Proof	\$2,754
GRC Pallet Scale Conveyor	51" Gravity roller conveyor, galvanized rails and frame, mild steel rollers. 51" effective conveying width, 54" overall width; 60" Long; 2-1/2" diameter rollers x 4" centers; 18" top of roller height (+/- 3" adjustment)		\$1,265
CDLR Pallet Scale Conveyor	51" Power roller conveyor, galvanized rails and frame, mild steel rollers. 51" effective conveying width, 54" overall width; 60" long; 2-1/2" diameter rollers x 5" centers; 18" top of roller height; 1/2HP TEFC 230/240 VAC 3 phase AC motor; 30 FPM fixed speed; (motor starter not included)	Safe Area	\$2,713
		Explosion Proof	\$3,190
Box/Pallet Stops	Foot operated stop, used to hold container from rolling onto the scale conveyor		\$715
Work Platform	Galvanized 4' x15' x 24" high		\$4,303
Start/Stop Type 12	Add for simple conveyor starts: TYPE 12		Call
Start/Stop Type 7/9	Add for simple conveyor starts: TYPE 7/9 (explosion proof)		Call





XFS-XIF



XFS-XIF

Floor Scale

Including XIF Indicator

ECONOMY

Approvals:

- NTEP, Class III/III L, 5000d, COC # 99-132A2 (only models up to 4' x 4' and 5000 lb)
- UL, FCC, ISO9001

Features:

- Plug & Weigh™ product
- Factory wired and pre-calibrated

Standard Features Indicator:

- 6-digit high contrast LCD, 25 mm (1 in) tall
- Up to 10,000d display resolution
- IP65 Dustproof and waterproof enclosure
- Selectable lb, kg
- AC or Battery operation (six "C" size batteries)
- Wall/desk mounting bracket
- RS232 Interface (internal)

Standard Features Platform:

- Mild steel tread plate construction
- 25 ft home run cable
- Four analog 350 ohm 3mV/V NTEP 5000d load cells
- Factory set for 125% safe overload of rated capacity

Accessories:

- Ramps
- Ball-in-cup feet (package of 4)

Ordering Information

XFS Floor Scale (including XIF indicator)

Order Number	Model	Capacity	Resolution	Platform Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
XFS25S-XIF	XFS25S - XIF	2500 lb	0.5 lb	4' x 4' x 4.5"	350 lb	\$1,854
XFS50S-XIF	XFS50S - XIF	5000 lb	1 lb	4' x 4' x 4.5"	350 lb	\$1,854
XFS50M-XIF	XFS50M - XIF	5000 lb	1 lb	5' x 5' x 4.5"	500 lb	\$2,096
XFS100S-XIF	XFS100S - XIF	10000 lb	2 lb	4' x 4' x 4.5"	475 lb	\$2,273
XFS100M-XIF	XFS100M - XIF	10000 lb	2 lb	5' x 5' x 4.5"	600 lb	\$2,515

Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
XFSA1100	XFSA RAMP 4'W x 4'L x 4.38"H (for XFS25S-XIF, XFS50S-XIF)	175 lb	\$508
XFSA1102	XFSA RAMP 5'W x 4'L x 4.38"H (for XFS50M-XIF)	235 lb	\$632
XFSA1200	XFSA RAMP 4'W x 4'L x 4.62"H (for XFS100S-XIF)	248 lb	\$840
XFSA1202	XFSA RAMP 5'W x 4'L x 4.62"H (for XFS100M-XIF)	336 lb	\$970
XFSA2000	Ball-in-cup feet (package of 4)	3 lb	\$141
085318020	XPR-TSP613 Thermal printer (see also "Printer" pages)	7 lb	\$394

Notes



VLX



VLX Shipping Dock Scale

Commercial Duty

COMMERCIAL

Approvals:

- NTEP 5000d, Class III, COC #99-132A1 (5000 lb only)
- Measurement Canada Approval #AM-5482
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Mild steel, epoxy painted tread plate design
- Model 793, SQB, or metrological equivalent stainless steel hermetically sealed 3mV/V load cells
- Ball-in-cup threaded foot suspension
- Analog scale bases only
- 25 ft plain end instrument cable
- 4-1/2 in $\pm$ 1/4 in height
- Summing stainless steel junction box, side access, Type12/IP52

Accessories:

- Ramps
- Locating plates
- See Floor Scales Accessories page

Ordering Information**VLX Floor Scale - Mild Steel (epoxy painted, tread plate deck finish)**

Order Number	Platform Dimensions (ft)	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
VLX30110	3' x 3'	1000 lb	500 lb	390 lb	\$1,902
VLX30210		2500 lb	1000 lb	390 lb	\$1,902
VLX30120	4' x 4'	1000 lb	500 lb	390 lb	\$1,934
VLX30220		2500 lb	1000 lb	390 lb	\$1,934
VLX30320		5000 lb	2500 lb	390 lb	\$1,934

VLX Drop Ship Bundles

The model VLX can be ordered pre-calibrated from the factory with an IND22x or PANTHER® PLUS instrument. Add an instrument bundle from the list below and it will be matched to any VLX scale base above, factory calibrated, and shipped with the instrument pre-wired to the scale base. The scale will be able to be unpacked, plugged in, and be fully operational out of the box.

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
FSC-IND221	IND221 desk/wall with factory calibration	10 lb	\$862
FSC-IND226	IND226 SS harsh enclosure with factory calibration	10 lb	\$988
FSC-PTPK	PANTHER® PLUS SS harsh enclosure with factory calibration	10 lb	\$1,267

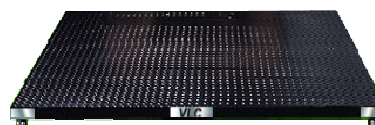
VLX Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
VLXA1101	Ramp 3'W x 4'L x 4.38"H (7.2° angle of incline)	80 lb	\$395
VLXA1100	Ramp 4'W x 4'L x 4.38"H (7.2° angle of incline)	100 lb	\$425
VLXA1200	SS foot locating plate (Set of 2)	5 lb	\$114

VLC Floor Scale

Cycle Duty
Mild Steel

Produced in a
facility that is



VLC

COMMERCIAL

Approvals:

- NTEP 5000d, Class III, COC #95111A4
(Only 3' x 3', 4' x 4', 4' x 5', or 5' x 5' dimensions from 2500 lb to 10,000lb are approved.)
- Measurement Canada Approval #AM-5160, Rev. 2, nmax: 6000
(Only 3' x 3' thru 5' x 5' dimensions from 500 kg to 5000 kg are approved.)
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 745A stainless steel hermetically sealed 2mV/V load cells
- 25 ft plain end instrument cable
- Rocker pin foot
- 3-7/16 in ±3/16 in height
- 2 Year factory warranty
- IP69K SS summing junction box with trim pots

Accessories:

- Ramps
- Locating plates

Ordering Information

VLC Floor Scale - Mild Steel (epoxy painted, tread plate deck finish)

Order Number	Platform Dimensions (ft)	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
2256402011-A	3' x 3'	1000 lb	500 lb	250 lb	\$2,398
2256402012-A		2500 lb	1000 lb	250 lb	\$2,398
2256402013-A		6000 lb	2500 lb	250 lb	\$2,398
2256402021-A	4' x 4'	1000 lb	500 lb	400 lb	\$2,539
2256402022-A		2500 lb	1000 lb	400 lb	\$2,539
2256402023-A		6000 lb	2500 lb	400 lb	\$2,539
2256402024-A		10,000 lb	5000 lb	475 lb	\$2,821
2256402031-A	4' x 5'	1000 lb	500 lb	475 lb	\$2,683
2256402032-A		2500 lb	1000 lb	475 lb	\$2,683
2256402033-A		6000 lb	2500 lb	475 lb	\$2,683
2256402034-A		10,000 lb	5000 lb	550 lb	\$3,034
2256402041-A	5' x 5'	1000 lb	500 lb	500 lb	\$2,821
2256402042-A		2500 lb	1000 lb	500 lb	\$2,821
2256402043-A		6000 lb	2500 lb	500 lb	\$2,821
2256402044-A		10,000 lb	5000 lb	625 lb	\$3,244
2256402051-A	4' x 6'	1000 lb	500 lb	500 lb	\$2,821
2256402052-A		2500 lb	1000 lb	500 lb	\$2,821
2256402053-A		6000 lb	2500 lb	500 lb	\$2,821
2256402054-A		10,000 lb	5000 lb	625 lb	\$3,244
2256402061-A	5' x 7'	1000 lb	500 lb	750 lb	\$3,388
2256402062-A		2500 lb	1000 lb	750 lb	\$3,388
2256402063-A		6000 lb	2500 lb	750 lb	\$3,388
2256402064-A		10,000 lb	5000 lb	925 lb	\$3,953

Refer to page FS-25 for custom sizes and applications



VLC

Produced in a
facility that is


VLC Floor Scale

Cycle Duty
Stainless Steel

COMMERCIAL

Ordering Information

VLC Floor Scale - Stainless Steel (bead blasted, smooth plate deck finish)

Order Number	Platform Dimensions (ft)	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
2256432011-A	3' x 3'	1000 lb	500 lb	250 lb	\$4,487
2256432012-A		2500 lb	1000 lb	250 lb	\$4,487
2256432013-A		6000 lb	2500 lb	250 lb	\$4,487
2256432021-A	4' x 4'	1000 lb	500 lb	400 lb	\$5,385
2256432022-A		2500 lb	1000 lb	400 lb	\$5,385
2256432023-A		6000 lb	2500 lb	400 lb	\$5,385
2256432024-A		10,000 lb	5000 lb	475 lb	\$5,975
2256432031-A	4' x 5'	1000 lb	500 lb	475 lb	\$6,432
2256432032-A		2500 lb	1000 lb	475 lb	\$6,432
2256432033-A		6000 lb	2500 lb	475 lb	\$6,432
2256432034-A		10,000 lb	5000 lb	550 lb	\$7,320
2256432041-A	5' x 5'	1000 lb	500 lb	500 lb	\$6,731
2256432042-A		2500 lb	1000 lb	500 lb	\$6,731
2256432043-A		6000 lb	2500 lb	500 lb	\$6,731
2256432044-A		10,000 lb	5000 lb	625 lb	\$8,068
2256432051-A	4' x 6'	1000 lb	500 lb	500 lb	\$6,731
2256432052-A		2500 lb	1000 lb	500 lb	\$6,731
2256432053-A		6000 lb	2500 lb	500 lb	\$6,731
2256432054-A		10,000 lb	5000 lb	625 lb	\$8,068
2256432061-A	5' x 7'	1000 lb	500 lb	750 lb	\$9,196
2256432062-A		2500 lb	1000 lb	750 lb	\$9,196
2256432063-A		6000 lb	2500 lb	750 lb	\$9,196
2256432064-A		10,000 lb	5000 lb	925 lb	\$10,843

Refer to page FS-25 for custom sizes and applications

Floor Scales

VLC Floor Scale Options

Ordering Information

VLC Drop Ship Bundles

The model VLC can be ordered pre-calibrated from the factory with an IND22x or PANTHER® PLUS instrument. Add an instrument bundle from the list below and it will be matched to any VLC scale base above, factory calibrated, and shipped

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
FSC-IND221	IND221 desk/wall with factory calibration	10 lb	\$862
FSC-IND226	IND226 SS harsh enclosure with factory calibration	10 lb	\$988
FSC-PTPK	PANTHER® PLUS SS harsh enclosure with factory calibration	10 lb	\$1,267

VLC Ramps

Order Number	Construction	Ramp Dimensions (ft)	Angle of Incline	Capacity (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
564RPA0000	Mild Steel Tread Plate	3' W x 3' L	5.5°	1000 lb	215 lb	\$526
564RPA0001		4' W x 3' L		to	240 lb	\$596
564RPA0002		5' W x 3' L		10,000 lb	300 lb	\$744
Call	Mild Steel Tread Plate	3' W x 5' L	3.3°	1000 lb	215 lb	\$978
564RPA0003		4' W x 5' L		to	240 lb	\$1,105
564RPA0004		5' W x 5' L		10,000 lb	300 lb	\$1,380
566RPJ000	Stainless Steel Smooth Plate	3' W x 3' L	5.5°	1000 lb	215 lb	\$1,183
566RPJ001		4' W x 3' L		to	240 lb	\$1,523
566RPJ002		5' W x 3' L		10,000 lb	300 lb	\$2,030
Call	Stainless Steel Smooth Plate	3' W x 5' L	3.3°	1000 lb	215 lb	\$2,203
566RPJ003		4' W x 5' L		to	240 lb	\$2,356
566RPJ004		5' W x 5' L		10,000 lb	300 lb	\$2,824

VLC Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
VLXA1200	SS foot locating plates (set of two)	5 lb	\$114

Refer to page FS-25 for custom sizes and applications

VLC Floor Scale Options

Ordering Information

VLC Frames

Order Number	Construction	Scale Base Dimensions (ft)	Capacity (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
564QPB0000	Mild Steel Quick-Pit frame	3' x 3'	1000 lb to 10,000 lb	125 lb	\$520
564QPB0001		4' x 4'		150 lb	\$557
564QPB0002		4' x 5'		200 lb	\$624
564QPB0003		4' x 6'		200 lb	\$668
564QPB0004		5' x 5'		200 lb	\$668
564QPB0005		5' x 7'		250 lb	\$834
566QPJ0000	Stainless Steel Quick-Pit frame	3' x 3'	1000 lb to 10,000 lb	125 lb	\$1,191
566QPJ0001		4' x 4'		150 lb	\$1,314
566QPJ0002		4' x 5'		200 lb	\$1,468
566QPJ0003		4' x 6'		200 lb	\$1,560
566QPJ0004		5' x 5'		200 lb	\$1,560
566QPJ0005		5' x 7'		250 lb	\$1,885
564PFB0000	Mild Steel Fork lift frame	3' x 3'	1000 lb to 10,000 lb	125 lb	\$779
564PFB0001		4' x 4'		150 lb	\$836
564PFB0002		4' x 5'		200 lb	\$935
564PFB0003		4' x 6'		200 lb	\$1,001
564PFB0004		5' x 5'		200 lb	\$1,001
564PFB0005		5' x 7'		250 lb	\$1,250
566PFJ0000	Stainless Steel Fork lift frame	3' x 3'	1000 lb to 10,000 lb	125 lb	\$1,786
566PFJ0001		4' x 4'		150 lb	\$1,971
566PFJ0002		4' x 5'		200 lb	\$2,203
566PFJ0003		4' x 6'		200 lb	\$2,339
566PFJ0004		5' x 5'		200 lb	\$2,339
566PFJ0005		5' x 7'		250 lb	\$2,829

Refer to page FS-25 for custom sizes and applications

VLC Stainless Steel Pit Liners

Standard Features:

- Fully-formed 304 stainless steel "tub"
- Smooth, seamless appearance
- No finished concrete work required
- Provides flush mount installation
- Full support of an outer frame
- Easy in-ground installation
- Easy installation on second floor or mezzanine
- Mounting and suspension detail included
- Integrated Quick-Pit frame
- Easy fork lift access
- Wet installation - drain hole
- Custom drain installation (optional)
- Dry installation - solid pan floor

Order Number	Platform Size (ft)	Capacity (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
56XD09140914	3' x 3'	1000-5000 lb	200 lb	\$6,681
56XD12191219	4' x 4'		250 lb	\$7,304
56XD15241524	5' x 5'		300 lb	\$7,890

Call for availability of custom dimensions and/or different capacities

2158 Vertex®

Extreme Duty
Mild Steel - Tread Plate

Produced in a
facility that is



2158 Vertex

APPLIED

Approvals:

- NTEP 5000d, Class III, COC #91-097A2, Measurement Canada Approval #AM-4723
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 745A stainless steel hermetically sealed 2 mV/V load cells
- 2 Year factory warranty
- Rocker Pin suspension
- IP69K stainless steel summing junction box with trim pots
- 25 ft plain end instrument cable
- Low profile: 3 in (1-5k), 3-3/8 in (10k), 4 in (20k)

Accessories:

- Ramps
- Scale guard frame protectors
- Quick-Pit frames
- See Floor Scales accessories page
- Forklift channel frames

Ordering Information

2158 Vertex Floor Scale - Mild Steel (epoxy painted, tread plate deck finish)

Order Number	Platform Dimensions (ft)	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
2158002011-A	3' x 3'	1000 lb	500 lb	275 lb	\$4,454
2158002012-A		2500 lb	1250 lb	275 lb	\$4,454
2158002013-A		5000 lb	2500 lb	275 lb	\$4,454
2158002021-A	4' x 4'	1000 lb	500 lb	420 lb	\$4,603
2158002022-A		2500 lb	1250 lb	420 lb	\$4,603
2158002023-A		5000 lb	2500 lb	420 lb	\$4,603
2158002024-A		10,000 lb	5000 lb	510 lb	\$5,196
2158002025-A		20,000 lb	10,000 lb	600 lb	\$5,493
2158002031-A	4' x 5'	1000 lb	500 lb	500 lb	\$4,751
2158002032-A		2500 lb	1250 lb	500 lb	\$4,751
2158002033-A		5000 lb	2500 lb	500 lb	\$4,751
2158002034-A		10,000 lb	5000 lb	675 lb	\$5,352
2158002035-A		20,000 lb	10,000 lb	770 lb	\$5,639
2158002041-A	5' x 5'	1000 lb	500 lb	590 lb	\$4,892
2158002042-A		2500 lb	1250 lb	590 lb	\$4,892
2158002043-A		5000 lb	2500 lb	590 lb	\$4,892
2158002044-A		10,000 lb	5000 lb	710 lb	\$5,635
2158002045-A		20,000 lb	10,000 lb	800 lb	\$5,937
2158002051-A	4' x 6'	1000 lb	500 lb	570 lb	\$4,892
2158002052-A		2500 lb	1250 lb	570 lb	\$4,892
2158002053-A		5000 lb	2500 lb	570 lb	\$4,892
2158002054-A		10,000 lb	5000 lb	700 lb	\$5,635
2158002055-A		20,000 lb	10,000 lb	1060 lb	\$5,937
2158002063-A	5' x 7'	5000 lb	2500 lb	570 lb	\$5,297
2158002064-A		10,000 lb	5000 lb	700 lb	\$5,873
2158002065-A		20,000 lb	10,000 lb	1060 lb	\$6,321

Refer to page FS-25 for custom sizes and applications



2158 Vertex

Produced in a
facility that is



2158 Vertex®

Extreme Duty
Stainless Steel - Smooth Plate

APPLIED

Ordering Information

2158 Vertex Floor Scale - Stainless Steel (glass bead blasted, smooth plate deck finish)

Order Number	Platform Dimensions (ft)	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
2158032011-A	3' x 3'	1000 lb	500 lb	275 lb	\$7,627
2158032012-A		2500 lb	1250 lb	275 lb	\$7,627
2158032013-A		5000 lb	2500 lb	275 lb	\$7,627
2158032021-A	4' x 4'	1000 lb	500 lb	420 lb	\$8,810
2158032022-A		2500 lb	1250 lb	420 lb	\$8,810
2158032023-A		5000 lb	2500 lb	420 lb	\$8,810
2158032024-A		10,000 lb	5000 lb	510 lb	\$10,498
2158032025-A		20,000 lb	10,000 lb	600 lb	\$11,098
2158032031-A	4' x 5'	1000 lb	500 lb	500 lb	\$9,319
2158032032-A		2500 lb	1250 lb	500 lb	\$9,319
2158032033-A		5000 lb	2500 lb	500 lb	\$9,319
2158032034-A		10,000 lb	5000 lb	675 lb	\$11,014
2158032035-A		20,000 lb	10,000 lb	770 lb	\$11,605
2158032041-A	5' x 5'	1000 lb	500 lb	590 lb	\$10,161
2158032042-A		2500 lb	1250 lb	590 lb	\$10,161
2158032043-A		5000 lb	2500 lb	590 lb	\$10,161
2158032044-A		10,000 lb	5000 lb	710 lb	\$12,366
2158032045-A		20,000 lb	10,000 lb	800 lb	\$13,034
2158032051-A	4' x 6'	1000 lb	500 lb	570 lb	\$10,161
2158032052-A		2500 lb	1250 lb	570 lb	\$10,161
2158032053-A		5000 lb	2500 lb	570 lb	\$10,161
2158032054-A		10,000 lb	5000 lb	700 lb	\$12,366
2158032055-A		20,000 lb	10,000 lb	1060 lb	\$13,034
2158032063-A	5' x 7'	5000 lb	2500 lb	800 lb	\$13,587
2158032064-A		10,000 lb	5000 lb	1000 lb	\$14,229
2158032065-A		20,000 lb	10,000 lb	1200 lb	\$15,309

Refer to page FS-25 for custom sizes and applications

Floor Scales

2158 Vertex[®] Mild Steel Options

Ordering Information

Mild Steel Frames

Order Number	Capacity (lb)	Frame Dimension (ft)	Frame Style	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-200013	1000-5000 lb	3' x 3'	Mild Steel Quick-Pit	125 lb	\$514
58-200023		4' x 4'		150 lb	\$552
58-200033		4' x 5'		200 lb	\$629
58-200043		5' x 5'		200 lb	\$673
58-200053		4' x 6'		200 lb	\$673
58-200063		5' x 7'		250 lb	\$838
58-300013	1000-5000 lb	3' x 3'	Mild Steel Forklift Channel	125 lb	\$721
58-300023		4' x 4'		150 lb	\$838
58-300033		4' x 5'		200 lb	\$942
58-300043		5' x 5'		200 lb	\$1,078
58-300053		4' x 6'		200 lb	\$1,078
58-300063		5' x 7'		200 lb	\$1,264
58-200024	10,000 lb	4' x 4'	Mild Steel Quick-Pit	150 lb	\$599
58-200034		4' x 5'		200 lb	\$700
58-200044		5' x 5'		200 lb	\$721
58-200054		4' x 6'		200 lb	\$721
58-200064		5' x 7'		250 lb	\$875
58-300024		4' x 4'	Mild Steel Forklift Channel	150 lb	\$942
58-300034	10,000 lb	4' x 5'		200 lb	\$1,078
58-300044		5' x 5'		200 lb	\$1,155
58-300054		4' x 6'		200 lb	\$1,155
58-330421		5' x 7'		250 lb	\$1,355
58-200025	20,000 lb	4' x 4'	Mild Steel Quick-Pit	150 lb	\$673
58-200035		4' x 5'		200 lb	\$721
58-200045		5' x 5'		200 lb	\$759
58-200055		4' x 6'		200 lb	\$759
58-200065		5' x 7'		250 lb	\$911
58-300025		4' x 4'	Mild Steel Forklift Channel	150 lb	\$994
58-300035	20,000 lb	4' x 5'		200 lb	\$1,110
58-300045		5' x 5'		200 lb	\$1,186
58-300055		4' x 6'		200 lb	\$1,055
58-300422		5' x 7'		250 lb	\$1,355

Mild Steel Ramps for Quick-Pit Frames

The Quick-Pit Frame can also be used as a heavy-duty Truck Dock Frame to provide additional scale protection from forklift damage. Ramps can be mounted to the frame to allow access from the 4' or 5' side.

Order Number	Frame Capacity (lb)	Ramp Width (ft)	Ramp Length (ft)	Angle of Incline	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-100024	1000-5000 lb	4	3	4.8°	260 lb	\$660
58-100034		5	3	4.8°	320 lb	\$803
58-100025	10,000-	4	3	5.9°	380 lb	\$730
58-100035	20,000 lb	5	3	5.9°	450 lb	\$874

Refer to page FS-25 for custom sizes and applications

2158 Vertex[®] Stainless Steel Options

Ordering Information

Stainless Steel Frames

Order Number	Capacity (lb)	Frame Dimension (ft)	Frame Style	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-200113	1000-5000 lb	3' x 3'	Stainless Steel Quick-Pit	125 lb	\$1,179
58-200123		4' x 4'		150 lb	\$1,295
58-200133		4' x 5'		200 lb	\$1,459
58-200143		5' x 5'		200 lb	\$1,545
58-200153		4' x 6'		200 lb	\$1,545
58-200163		5' x 7'		200 lb	\$2,423
58-300113	1000-5000 lb	3' x 3'	Stainless Steel Forklift Channel	125 lb	\$1,770
58-300123		4' x 4'		150 lb	\$1,942
58-300133		4' x 5'		200 lb	\$2,191
58-300143		5' x 5'		200 lb	\$2,439
58-300153		4' x 6'		200 lb	\$2,173
58-300163		5' x 7'		250 lb	\$3,825
58-200124	10,000 lb	4' x 4'	Stainless Steel Quick-Pit	150 lb	\$1,614
58-200134		4' x 5'		200 lb	\$1,770
58-200144		5' x 5'		200 lb	\$1,942
58-200154		4' x 6'		200 lb	\$1,942
58-200164		5' x 7'		250 lb	\$2,191
58-300124		4' x 4'	Stainless Steel Forklift Channel	150 lb	\$2,099
58-300134		4' x 5'		200 lb	\$2,439
58-300144		5' x 5'		200 lb	\$2,791
58-300154		4' x 6'		200 lb	\$2,797
58-300164		5' x 7'		250 lb	\$3,905

Stainless Steel Ramps for Quick-Pit Frames

The Quick-Pit Frame can also be used as a heavy-duty Truck Dock Frame to provide additional scale protection from forklift damage. Ramps can be mounted to the frame to allow access from the 4' or 5' side.

Order Number	Frame Capacity (lb)	Ramp Width (ft)	Ramp Length (ft)	Incline	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-100324	1000-5000 lb	4	3	4.8°	260 lb	\$1,740
58-100334		5	3	4.8°	320 lb	\$2,269

Refer to page FS-25 for custom sizes and applications

Stainless Steel Pit Liners

Standard Features:

- Fully-formed 304 stainless steel "tub"
- Smooth, seamless appearance
- No finished concrete work required
- Provides flush mount installation
- Full support of an outer frame
- Easy in-ground installation
- Easy installation on second floor or mezzanine
- Mounting and suspension detail included
- Integrated Quick-Pit frame
- Easy fork lift access
- Custom drain installation (optional)
- Dry installation - solid pan floor

Order Number	Platform Size (ft)	Drain Hole	Capacity (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-600000	3' x 3'	No Drain	1000-5000 lb	200 lb	\$6,175
58-600001	4' x 4'			250 lb	\$6,752
58-600002	4' x 6'			300 lb	\$7,296
58-600003	5' x 5'			300 lb	\$7,296

Call for availability of custom dimensions and/or different capacities

Floor Scales

2158 Vertex® Ramps

Ordering Information

Mild Steel, Tread Plate Ramps

Order Number	Capacity (lb)	Ramp Width (ft)	Ramp Length (ft)	Angle of Incline	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-100013	1000-5000 lb	3	3	4.8°	200 lb	\$514
58-100023		4	3		250 lb	\$657
58-100033		5	3		300 lb	\$787
58-110023	1000-5000 lb	4	5	2.9° (low angle)	360 lb	\$942
58-110033		5	5		430 lb	\$1,110
58-100024	10,000 lb	4	3	5.4°	260 lb	\$660
58-100034		5	3		320 lb	\$803
58-110024	10,000 lb	4	5	3.2° (low angle)	380 lb	\$1,110
58-110034		5	5		450 lb	\$1,370
58-100026	20,000 lb	4	3	6.4°	270 lb	\$787
58-100036		5	3		320 lb	\$942
58-140458	20,000 lb	5	5	3.8° (low angle)	460 lb	\$1,423

Stainless Steel, Smooth Plate Ramps

58-100313	1000-5000 lb	3	3	4.8°	200 lb	\$1,219
58-100323		4	3		250 lb	\$1,568
58-100333		5	3		300 lb	\$2,089
58-120731	1000-5000 lb	4	5	2.9° (low angle)	360 lb	\$2,379
58-140552		5	5		430 lb	\$2,853
58-100324	10,000 lb	4	3	5.4°	260 lb	\$1,740
58-100334		5	3		320 lb	\$2,269
58-120733	10,000 lb	4	5	3.2° (low angle)	380 lb	\$2,791
58-140719		5	5		450 lb	\$3,017

Stainless Steel, Tread Plate Ramps

58-100213	1000-5000 lb	3	3	4.8°	200 lb	\$1,581
58-100223		4	3		250 lb	\$1,936
58-100233		5	3		300 lb	\$2,464
58-110223	1000-5000 lb	4	5	2.9° (low angle)	360 lb	\$3,265
58-110233		5	5		430 lb	\$3,446
58-100224	10,000 lb	4	3	5.4°	260 lb	\$2,108
58-100234		5	3		320 lb	\$2,643
Call	10,000 lb	4	5	3.2° (low angle)	380 lb	Call
Call		5	5		450 lb	Call



2888 Static



2888 DECKMATE®

Static Platform
Mild Steel

APPLIED

Approvals:

- NTEP 5000d, Class III, COC #96-106A1, Measurement Canada Approval #AM-5175 (24 in x24 in not included)
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 745A stainless steel hermetically sealed 2 mV/V load cells
- 2 Year factory warranty
- Rocker Pin suspension
- IP69K stainless steel summing junction box with trim pots
- 1.25 in height (30 in x 30 in), 1.75 in height (other sizes)
- (24 in x 24 in have remote junction box)
- 25 ft plain end instrument cable

Accessories:

- Ramps
- Indicator brackets
- Portable frames
- Stop bars
- Columns

Ordering Information**2888 DECKMATE - mild steel static platform**

Order Number	Construction	Capacity (lb)	Scale Base Dimensions	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
2888000030B	Mild Steel Epoxy Painted Tread Plate	500 lb	24" x 24"	250 lb	125 lb	\$3,478
2888000000B			30" x 30"		125 lb	\$3,478
2888000010B			36" x 36"		250 lb	\$4,034
2888000031B		1000 lb	24" x 24"	500 lb	125 lb	\$3,478
2888002001B			30" x 30"		125 lb	\$3,478
2888002011B			36" x 36"		250 lb	\$4,034
2888002021B			42" x 42"		350 lb	\$4,312
2888002012B		2500 lb	36" x 36"	1250 lb	250 lb	\$4,034
2888002022B			42" x 42"		350 lb	\$4,312
2888010030B	Mild Steel Epoxy Painted Smooth Plate	500 lb	24" x 24"	250 lb		\$3,478
2888010000B			30" x 30"		125 lb	\$3,478
2888010010B			36" x 36"		250 lb	\$4,034
2888010031B		1000 lb	24" x 24"	500 lb		\$3,478
2888012001B			30" x 30"		125 lb	\$3,478
2888012011B			36" x 36"		250 lb	\$4,034
2888012021B			42" x 42"		350 lb	\$4,312
2888012012B		2500 lb	36" x 36"	1250 lb	250 lb	\$4,034
2888012022B			42" x 42"		350 lb	\$4,312

Installation Kit

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
88-040000	Static Scale Installation Kit • (4) 1/16" stainless steel shims • (8) 1/2" anchor bolts	7 lb	\$72

Floor Scales

2888 DECKMATE®

Static Platform
Stainless Steel



2888 Static

APPLIED

Ordering Information

2888 DECKMATE - 304 SS Static Platform

Order Number	Construction	Capacity (lb)	Scale Base Dimensions	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
2888030030B	304 Stainless Steel Glass Bead Blasted Smooth Plate	500 lb	24" x 24"	250 lb	125 lb	\$4,789
2888030000B			30" x 30"		125 lb	\$4,789
2888030010B			36" x 36"		250 lb	\$7,271
2888030031B		1000 lb	24" x 24"	500 lb	125 lb	\$4,789
2888032001B			30" x 30"		125 lb	\$4,789
2888032011B			36" x 36"		250 lb	\$7,271
2888032021B			42" x 42"		350 lb	\$8,082
2888032012B		2500 lb	36" x 36"	1250 lb	250 lb	\$7,271
2888032022B			42" x 42"		350 lb	\$8,082
2888020030B	304 Stainless Steel Glass Bead Blasted Tread Plate	500 lb	24" x 24"	250 lb	125 lb	\$4,789
2888020000B			30" x 30"		125 lb	\$4,789
2888020010B			36" x 36"		250 lb	\$7,271
2888020031B		1000 lb	24" x 24"	500 lb	125 lb	\$4,789
2888022001B			30" x 30"		125 lb	\$4,789
2888022011B			36" x 36"		250 lb	\$7,271
2888022021B			42" x 42"		350 lb	\$8,082
2888022012B		2500 lb	36" x 36"	1250 lb	250 lb	\$7,271
2888022022B			42" x 42"		350 lb	\$8,082

2888 DECKMATE - 316 SS Static Platform

2888050030B	316 Stainless Steel Glass Bead Blasted Smooth Plate	500 lb	24" x 24"	250 lb	125 lb	\$7,418
2888050000B			30" x 30"		125 lb	\$7,418
2888050010B			36" x 36"		250 lb	\$11,262
2888050031B		1000 lb	24" x 24"	500 lb	125 lb	\$7,418
2888052001B			30" x 30"		125 lb	\$7,418
2888052011B			36" x 36"		250 lb	\$11,262
2888052021B			42" x 42"		350 lb	\$12,517
2888052012B		2500 lb	36" x 36"	1250 lb	250 lb	\$11,262
2888052022B			42" x 42"		350 lb	\$12,517

2888 DECKMATE® Static Ramps

2888 DECKMATE® Mild Steel Static Scale Ramps

Order Number	Construction	Ramp Length (in)	Ramp Width (in)	Angle of Incline	Shipping Weight (lb)	Suggested List Price (CDN\$)
88-XXXXXX	Mild Steel Epoxy Painted Tread Plate	6	24	13.2°	15 lb	\$148
88-110001			30	13.2°	15 lb	\$148
88-XXXXXX		12	24	6.6°	25 lb	\$207
88-110003			30	6.6°	25 lb	\$207
88-110007			36	8.8°	25 lb	\$223
88-110015			42	8.8°	25 lb	\$260
88-110005		18	30	4.4°	25 lb	\$231
88-110012			36	5.9°	25 lb	\$260
88-110019			42	5.9°	25 lb	\$297
88-XXXXXX	Mild Steel Epoxy Painted Smooth Plate	6	24	13.2°	15 lb	\$148
88-110002			30	13.2°	15 lb	\$148
88-XXXXXX		12	24	6.6°	25 lb	\$207
88-110004			30	6.6°	25 lb	\$207
88-110010			36	8.8°	25 lb	\$223
88-110017			42	8.8°	25 lb	\$260
88-110006		18	30	4.4°	25 lb	\$231
88-110014			36	5.9°	25 lb	\$260
88-110204			42	5.9°	25 lb	\$297

2888 DECKMATE® 304 Stainless Static Scale Ramps

88-XXXXXX	304 Stainless Steel Glass Bead Blasted Smooth Plate	6	24	13.2°	15 lb	\$240
88-110102			30	13.2°	15 lb	\$240
88-XXXXXX		12	24	6.6°	25 lb	\$322
88-110104			30	6.6°	25 lb	\$322
88-110009			36	8.8°	25 lb	\$400
88-110016			42	8.8°	25 lb	\$479
88-110106		18	30	4.4°	25 lb	\$365
88-110013			36	5.9°	25 lb	\$479
88-110200			42	5.9°	25 lb	\$559
88-XXXXXX	304 Stainless Steel Glass Bead Blasted Tread Plate	6	24	13.2°	15 lb	\$240
88-110101			30	13.2°	15 lb	\$240
88-XXXXXX		12	24	6.6°	25 lb	\$322
88-110103			30	6.6°	25 lb	\$322
88-110008			36	8.8°	25 lb	\$400
88-110203			42	8.8°	25 lb	\$479
88-110105		18	30	4.4°	25 lb	\$365
88-110011			36	5.9°	25 lb	\$479
88-110018			42	5.9°	25 lb	\$559

2888 DECKMATE® 316 Stainless Static Scale Ramps

88-XXXXXX	316 Stainless Steel Glass Bead Blasted Tread Plate	6	24	13.2°	15 lb	\$359
88-130101			30	13.2°	15 lb	\$359
88-XXXXXX		12	24	6.6°	25 lb	\$498
88-130103			30	6.6°	25 lb	\$498
88-130008			36	8.8°	25 lb	\$620
88-130203			42	8.8°	25 lb	\$740
88-130105		18	30	4.4°	25 lb	\$563
88-130011			36	5.9°	25 lb	\$740
88-130018			42	5.9°	25 lb	\$866

Floor Scales

2888 DECKMATE® Portability Frames

Portability Frames for field retrofit of static 2888 Deckmate scale bases

(Includes: frame, indicator column with push handles, 2 split ramps with wheelset, and mounting hardware)

Mild Steel Kits with Smooth Plate Ramps				
Order Number	Scale Base Dimensions	Ramps R1 R2	Suggested List Price (CDN\$)	
88-PF3030MSB00	30" x 30"	4.5 4.5	\$3,179	
88-PF3030MSB01		4.5 12	\$3,230	
88-PF3030MSB02		4.5 18	\$3,435	
88-PF3030MSB11		12 12	\$3,280	
88-PF3030MSB12		12 18	\$3,491	
88-PF3030MSB22		18 18	\$3,693	
88-PF3636MSB00	36" x 36"	4.5 4.5	\$3,591	
88-PF3636MSB01		4.5 12	\$3,646	
88-PF3636MSB02		4.5 18	\$3,744	
88-PF3636MSB11		12 12	\$3,693	
88-PF3636MSB12		12 18	\$3,800	
88-PF3636MSB22		18 18	\$3,899	
88-PF4242MSB00	42" x 42"	4.5 4.5	\$3,714	
88-PF4242MSB01		4.5 12	\$3,819	
88-PF4242MSB02		4.5 18	\$3,918	
88-PF4242MSB11		12 12	\$3,918	
88-PF4242MSB12		12 18	\$4,022	
88-PF4242MSB22		18 18	\$4,129	

Mild Steel Kits with Tread Plate Ramps				
Order Number	Scale Base Dimensions	Ramps R1 R2	Suggested List Price (CDN\$)	
88-PF3030MTB00	30" x 30"	4.5 4.5	\$3,179	
88-PF3030MTB01		4.5 12	\$3,230	
88-PF3030MTB02		4.5 18	\$3,435	
88-PF3030MTB11		12 12	\$3,280	
88-PF3030MTB12		12 18	\$3,491	
88-PF3030MTB22		18 18	\$3,693	
88-PF3636MTB00	36" x 36"	4.5 4.5	\$3,591	
88-PF3636MTB01		4.5 12	\$3,646	
88-PF3636MTB02		4.5 18	\$3,744	
88-PF3636MTB11		12 12	\$3,693	
88-PF3636MTB12		12 18	\$3,800	
88-PF3636MTB22		18 18	\$3,899	
88-PF4242MTB00	42" x 42"	4.5 4.5	\$3,714	
88-PF4242MTB01		4.5 12	\$3,819	
88-PF4242MTB02		4.5 18	\$3,918	
88-PF4242MTB11		12 12	\$3,918	
88-PF4242MTB12		12 18	\$4,022	
88-PF4242MTB22		18 18	\$4,129	

Stainless Steel Kits with Smooth Plate Ramps				
Order Number	Scale Base Dimensions	Ramps R1 R2	Suggested List Price (CDN\$)	
88-PF3030SSB00	30" x 30"	4.5 4.5	\$4,156	
88-PF3030SSB01		4.5 12	\$4,229	
88-PF3030SSB02		4.5 18	\$4,380	
88-PF3030SSB11		12 12	\$4,308	
88-PF3030SSB12		12 18	\$4,461	
88-PF3030SSB22		18 18	\$4,612	
88-PF3636SSB00	36" x 36"	4.5 4.5	\$4,721	
88-PF3636SSB01		4.5 12	\$4,825	
88-PF3636SSB02		4.5 18	\$4,928	
88-PF3636SSB11		12 12	\$4,928	
88-PF3636SSB12		12 18	\$5,025	
88-PF3636SSB22		18 18	\$5,129	
88-PF4242SSB00	42" x 42"	4.5 4.5	\$5,063	
88-PF4242SSB01		4.5 12	\$5,165	
88-PF4242SSB02		4.5 18	\$5,269	
88-PF4242SSB11		12 12	\$5,269	
88-PF4242SSB12		12 18	\$5,366	
88-PF4242SSB22		18 18	\$5,470	

Stainless Steel Kits with Tread Plate Ramps				
Order Number	Scale Base Dimensions	Ramps R1 R2	Suggested List Price (CDN\$)	
88-PF3030STB00	30" x 30"	4.5 4.5	\$4,508	
88-PF3030STB01		4.5 12	\$4,562	
88-PF3030STB02		4.5 18	\$4,661	
88-PF3030STB11		12 12	\$4,612	
88-PF3030STB12		12 18	\$4,715	
88-PF3030STB22		18 18	\$4,813	
88-PF3636STB00	36" x 36"	4.5 4.5	\$4,928	
88-PF3636STB01		4.5 12	\$5,025	
88-PF3636STB02		4.5 18	\$5,129	
88-PF3636STB11		12 12	\$5,129	
88-PF3636STB12		12 18	\$5,232	
88-PF3636STB22		18 18	\$5,331	
88-PF4242STB00	42" x 42"	4.5 4.5	\$5,269	
88-PF4242STB01		4.5 12	\$5,366	
88-PF4242STB02		4.5 18	\$5,470	
88-PF4242STB11		12 12	\$5,470	
88-PF4242STB12		12 18	\$5,573	
88-PF4242STB22		18 18	\$5,671	

Installation Kit			
Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
88-040000	Static Scale Installation Kit - (4) 1/16" shims, (8) 1/2" anchor bolts	7 lb	\$72



Produced in a facility that is



PUA679

Sanitary Lift Scale

Stainless Steel

APPLIED

Approvals:

- NTEP 5000d, Class III, COC #96-106A2
- Measurement Canada Approval pending
- Factory Mutual (FM) Hazardous Area Approval, ATEX Approval

Standard Features:

- Model 745A stainless steel hermetically sealed load cells
- Rocker Pin suspension
- Safe locking pins engage when lifted
- 1.5 in height (30 in x 30 in), 2 in height (other sizes)
- 25 ft plain end instrument cable
- 2 Year factory warranty

Options and Accessories:

- Glass Bead or Electro-Polish finish
- Ramps and 2888 Frame Upgrade Kits available
- Common components to 2888 Platform
- 10,000d Test Certificate
- 304 SS or 316 SS (call)
- Alternate deck plate (call)
- Stop bars

**Ordering Information**

PUA679

Order Number	Construction	Capacity (lb)	Scale Base Dimensions	Load Cell Size (lb)	Finish	Shipping Weight (lb)	Suggested List Price (CDN\$)
PU679L0J000000A	Type 304 Stainless Steel Smooth Plate	500 lb	30" x 30"	250 lb	Glass Bead Finish	350 lb	\$11,841
PU679L1J000000A		1000 lb		500 lb		350 lb	\$11,841
PU679M0J000000A		500 lb	36" x 36"	250 lb		400 lb	\$13,585
PU679M1J000000A		1000 lb		500 lb		400 lb	\$13,585
PU679M2J000000A		2500 lb		1250 lb		400 lb	\$13,585
PU679W1J000000A		1000 lb	42" x 42"	500 lb		450 lb	\$14,050
PU679W2J000000A		2500 lb		1250 lb		450 lb	\$14,050
PU679L0K000000A		500 lb	30" x 30"	250 lb	E-Polish Finish	350 lb	\$14,163
PU679L1K000000A		1000 lb		500 lb		350 lb	\$14,163
PU679M0K000000A		500 lb	36" x 36"	250 lb		400 lb	\$14,729
PU679M1K000000A		1000 lb		500 lb		400 lb	\$14,729
PU679M2K000000A		2500 lb		1250 lb		400 lb	\$14,729
PU679W1K000000A		1000 lb	42" x 42"	500 lb		450 lb	\$15,404
PU679W2K000000A		2500 lb		1250 lb		450 lb	\$15,404



Floor Scales

PUA679

PUA679 Ramps

				Shipping Weight (lb)	Suggested List Price (CDN\$)
Order Number	Construction	Dimensions	Finish		
679RPJ0001	Type 304 Stainless Steel Smooth Plate	30" x 12"	Glass Bead Finish	35 lb	\$797
679RPJ0004		30" x 18"		40 lb	\$851
679RPJ0002		36" x 12"		40 lb	\$805
679RPJ0003		36" x 18"		45 lb	\$915
679RPJ0005		42" x 12"		45 lb	\$840
679RPJ0006		42" x 18"		55 lb	\$1,016
679RPK0001	Type 304 Stainless Steel Smooth Plate	30" x 12"	E-Polish Finish	35 lb	\$1,246
679RPK0002		30" x 18"		40 lb	\$1,297
679RPK0003		36" x 12"		40 lb	\$1,208
679RPK0004		36" x 18"		45 lb	\$1,412
679RPK0005		42" x 12"		45 lb	\$1,290
679RPK0006		42" x 18"		55 lb	\$1,465
PUA679 Upgrade Kit (for 2888 Static or Portable Platforms, use old 2888 weigh bridge)					
679LKJ0000	Type 304 Stainless Steel Smooth Plate	30" x 30"	Glass Bead Finish	246 lb	\$6,572
679LKJ0001		36" x 36"		324 lb	\$6,629
679LKJ0002		42" x 42"		382 lb	\$6,742
679LKK0000		30" x 30"	E-Polish Finish	246 lb	\$6,912
679LKK0001		36" x 36"		324 lb	\$6,969
679LKK0002		42" x 42"		382 lb	\$7,082
PUA679 Stop Bars (also fit 2888 static/portable - Stop bars have brackets that clamp onto the top of the rails at the back of the scale.)					
PUASBJ0001	Type 304 Stainless Steel	30" Width	Glass Bead Finish	40 lb	\$284
PUASBJ0002		36" Width		40 lb	\$340
PUASBJ0003		42" Width		40 lb	\$398
PUASBK0001		30" Width	E-Polish Finish	40 lb	\$394
PUASBK0002		36" Width		40 lb	\$450
PUASBK0003		42" Width		40 lb	\$508



PUA679 Ramp



PUA679 Lifting Frame



2888 DECKMATE® Portable Platform

APPLIED

Approvals:

- NTEP 5000d, Class III, COC #96-106A1, Measurement Canada Approval #AM-5175 (24"x24" not included)
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 745A SS hermetically sealed 2 mV/V load cells
- Famous Mettler Toledo Vertex® engine
- Rocker Pin suspension
- 8 ft plain end instrument cable
- 2 Year factory warranty
- IP69K stainless steel summing junction box (24 in x 24 in have remote junction box)

Scale Construction:

- Mild Steel, epoxy painted
 - Tread plate deck
 - Smooth plate deck
- 304 Stainless Steel, glass bead blasted
 - Tread plate deck
 - Smooth plate deck
- 316 Stainless Steel, glass bead blasted
 - Smooth plate deck
 - Structural components 304SS

Portable Frame Features:

- Ultra-Low Platform for easy loading
- Portability platform including wheeled frame
- Indicator column with push handles
- Two Hinged, split ramps on each scale
- Ramps available in 4.5 in, 12 in, or 18 in lengths

Wheelset Features:

- Ramp lifts and lowers wheels
- Mechanical plunger assembly eliminated
- Swivel wheelset
- Ramps can be operated with 2 fingers
- Industry standard wheel and bolt pattern
- Unlimited wheel sizes and materials
- Universally available replacements

Options:

- Special finishes available on request
- Indicator brackets
- Custom cable lengths
- Teflon cable
- Stop bars



Stainless Steel
Ramps Down



Mild Steel
Ramps Up

Floor Scales

2888 DECKMATE®

Portable Platform
Mild Steel Tread Plate



2888

APPLIED

Ordering Information

2888 DECKMATE - Portable Platform with Mild Steel, Tread Plate Deck

Order Number	Construction	Capacity (lb)	Scale Base Dimensions	Ramp (in)		Ramp Angle of Incline		Shipping Weight (lb)	Suggested List Price (CDN\$)
				1	2	1	2		
2888P00030B00	Mild Steel Epoxy Painted Tread Plate	500 lb	24" x 24"	4.5	4.5	17.8°	17.8°		\$4,876
2888P00030B01				4.5	12	17.8°	6.6°		\$4,993
2888P00030B02				4.5	18	17.8°	4.4°		\$5,037
2888P00030B11				12	12	6.6°	6.6°		\$5,109
2888P00030B12				12	18	6.6°	4.4°		\$5,155
2888P00030B22				18	18	4.4°	4.4°		\$5,197
2888P00000B00	Mild Steel Epoxy Painted Tread Plate		30" x 30"	4.5	4.5	17.8°	17.8°		\$4,876
2888P00000B01				4.5	12	17.8°	6.6°		\$4,993
2888P00000B02				4.5	18	17.8°	4.4°		\$5,037
2888P00000B11				12	12	6.6°	6.6°		\$5,109
2888P00000B12				12	18	6.6°	4.4°		\$5,155
2888P00000B22				18	18	4.4°	4.4°		\$5,197
2888P02001B00	Mild Steel Epoxy Painted Tread Plate	1000 lb	30" x 30"	4.5	4.5	17.8°	17.8°		\$4,876
2888P02001B01				4.5	12	17.8°	6.6°		\$4,993
2888P02001B02				4.5	18	17.8°	4.4°		\$5,037
2888P02001B11				12	12	6.6°	6.6°		\$5,109
2888P02001B12				12	18	6.6°	4.4°		\$5,155
2888P02001B22				18	18	4.4°	4.4°		\$5,197
2888P02011B00	Mild Steel Epoxy Painted Tread Plate		36" x 36"	4.5	4.5	24.2°	24.2°		\$5,342
2888P02011B01				4.5	12	24.2°	8.8°		\$5,489
2888P02011B02				4.5	18	24.2°	5.9°		\$5,526
2888P02011B11				12	12	8.8°	8.8°		\$5,638
2888P02011B12				12	18	8.8°	5.9°		\$5,675
2888P02011B22				18	18	5.9°	5.9°		\$5,709
2888P02021B00	Mild Steel Epoxy Painted Tread Plate		42" x 42"	4.5	4.5	24.2°	24.2°		\$6,217
2888P02021B01				4.5	12	24.2°	8.8°		\$6,399
2888P02021B02				4.5	18	24.2°	5.9°		\$6,441
2888P02021B11				12	12	8.8°	8.8°		\$6,581
2888P02021B12				12	18	8.8°	5.9°		\$6,622
2888P02021B22				18	18	5.9°	5.9°		\$6,662
2888P02012B00	Mild Steel Epoxy Painted Tread Plate	2500 lb	36" x 36"	4.5	4.5	24.2°	24.2°		\$5,342
2888P02012B01				4.5	12	24.2°	8.8°		\$5,489
2888P02012B02				4.5	18	24.2°	5.9°		\$5,526
2888P02012B11				12	12	8.8°	8.8°		\$5,638
2888P02012B12				12	18	8.8°	5.9°		\$5,675
2888P02012B22				18	18	5.9°	5.9°		\$5,709
2888P02022B00	Mild Steel Epoxy Painted Tread Plate		42" x 42"	4.5	4.5	24.2°	24.2°		\$6,217
2888P02022B01				4.5	12	24.2°	8.8°		\$6,399
2888P02022B02				4.5	18	24.2°	5.9°		\$6,441
2888P02022B11				12	12	8.8°	8.8°		\$6,581
2888P02022B12				12	18	8.8°	5.9°		\$6,622
2888P02022B22				18	18	5.9°	5.9°		\$6,662



2888

Produced in a
facility that is

2888 DECKMATE®

Portable Platform
Mild Steel Smooth Plate

APPLIED

Ordering Information

2888 DECKMATE - Portable Platform with Mild Steel, Smooth Plate Deck

Order Number	Construction	Capacity (lb)	Scale Base Dimensions	Ramp (in)		Ramp Angle of Incline		Shipping Weight (lb)	Suggested List Price (CDN\$)			
				1	2	1	2					
2888P10030B00	Mild Steel Epoxy Painted Smooth Plate	500 lb	24" x 24"	4.5	4.5	17.8°	17.8°		\$5,119			
2888P10030B01				4.5	12	17.8°	6.6°		\$5,241			
2888P10030B02				4.5	18	17.8°	4.4°		\$5,439			
2888P10030B11				12	12	6.6°	6.6°		\$5,365			
2888P10030B12				12	18	6.6°	4.4°		\$5,566			
2888P10030B22				18	18	4.4°	4.4°		\$5,614			
2888P10000B00	Mild Steel Epoxy Painted Smooth Plate		500 lb	30" x 30"	4.5	4.5	17.8°	17.8°		\$5,119		
2888P10000B01					4.5	12	17.8°	6.6°		\$5,241		
2888P10000B02					4.5	18	17.8°	4.4°		\$5,439		
2888P10000B11					12	12	6.6°	6.6°		\$5,365		
2888P10000B12					12	18	6.6°	4.4°		\$5,566		
2888P10000B22					18	18	4.4°	4.4°		\$5,614		
2888P12001B00	Mild Steel Epoxy Painted Smooth Plate	1000 lb		30" x 30"	4.5	4.5	17.8°	17.8°		\$5,119		
2888P12001B01					4.5	12	17.8°	6.6°		\$5,241		
2888P12001B02					4.5	18	17.8°	4.4°		\$5,439		
2888P12001B11					12	12	6.6°	6.6°		\$5,365		
2888P12001B12					12	18	6.6°	4.4°		\$5,566		
2888P12001B22					18	18	4.4°	4.4°		\$5,614		
2888P12011B00	Mild Steel Epoxy Painted Smooth Plate		1000 lb	36" x 36"	4.5	4.5	24.2°	24.2°		\$5,609		
2888P12011B01					4.5	12	24.2°	8.8°		\$5,763		
2888P12011B02					4.5	18	24.2°	5.9°		\$5,804		
2888P12011B11					12	12	8.8°	8.8°		\$5,920		
2888P12011B12					12	18	8.8°	5.9°		\$5,958		
2888P12011B22					18	18	5.9°	5.9°		\$5,997		
2888P12021B00	Mild Steel Epoxy Painted Smooth Plate			1000 lb	42" x 42"	4.5	4.5	24.2°	24.2°		\$6,501	
2888P12021B01						4.5	12	24.2°	8.8°		\$6,691	
2888P12021B02						4.5	18	24.2°	5.9°		\$6,735	
2888P12021B11						12	12	8.8°	8.8°	736 lb	\$6,882	
2888P12021B12						12	18	8.8°	5.9°		\$6,924	
2888P12021B22						18	18	5.9°	5.9°		\$6,966	
2888P12012B00	Mild Steel Epoxy Painted Smooth Plate				2500 lb	36" x 36"	4.5	4.5	24.2°	24.2°		\$5,609
2888P12012B01							4.5	12	24.2°	8.8°		\$5,763
2888P12012B02							4.5	18	24.2°	5.9°		\$5,804
2888P12012B11							12	12	8.8°	8.8°		\$5,920
2888P12012B12							12	18	8.8°	5.9°		\$5,958
2888P12012B22							18	18	5.9°	5.9°		\$5,997
2888P12022B00	Mild Steel Epoxy Painted Smooth Plate	2500 lb				42" x 42"	4.5	4.5	24.2°	24.2°		\$6,501
2888P12022B01							4.5	12	24.2°	8.8°		\$6,691
2888P12022B02							4.5	18	24.2°	5.9°		\$6,735
2888P12022B11							12	12	8.8°	8.8°		\$6,882
2888P12022B12							12	18	8.8°	5.9°		\$6,924
2888P12022B22							18	18	5.9°	5.9°		\$6,966

Floor Scales

2888 DECKMATE®

Portable Platform

304 Stainless Steel Smooth Plate



2888

APPLIED

Ordering Information

2888 DECKMATE - Portable Platform with 304 SS Smooth Plate Deck

Order Number	Construction	Capacity (lb)	Scale Base Dimensions	Ramp (in)		Ramp Angle of Incline		Shipping Weight (lb)	Suggested List Price (CDN\$)	
				1	2	1	2			
2888P30030B00	304 Stainless Steel Glass Bead Blasted Smooth Plate	500 lb	24" x 24"	4.5	4.5	17.8°	17.8°	382 lb	\$7,268	
2888P30030B01				4.5	12	17.8°	6.6°		\$7,493	
2888P30030B02				4.5	18	17.8°	4.4°		\$7,579	
2888P30030B11				12	12	6.6°	6.6°		\$7,715	
2888P30030B12				12	18	6.6°	4.4°		\$7,799	
2888P30030B22				18	18	4.4°	4.4°		\$7,886	
2888P30000B00	304 Stainless Steel Glass Bead Blasted Smooth Plate		30" x 30"		4.5	4.5	17.8°	17.8°		\$7,268
2888P30000B01					4.5	12	17.8°	6.6°		\$7,493
2888P30000B02					4.5	18	17.8°	4.4°		\$7,579
2888P30000B11					12	12	6.6°	6.6°		\$7,715
2888P30000B12					12	18	6.6°	4.4°		\$7,799
2888P30000B22					18	18	4.4°	4.4°		\$7,886
2888P32001B00	304 Stainless Steel Glass Bead Blasted Smooth Plate	1000 lb	30" x 30"	4.5	4.5	17.8°	17.8°	436 lb	\$7,268	
2888P32001B01				4.5	12	17.8°	6.6°		\$7,493	
2888P32001B02				4.5	18	17.8°	4.4°		\$7,579	
2888P32001B11				12	12	6.6°	6.6°	480 lb	\$7,715	
2888P32001B12				12	18	6.6°	4.4°		\$7,799	
2888P32001B22				18	18	4.4°	4.4°	571 lb	\$7,886	
2888P32011B00	304 Stainless Steel Glass Bead Blasted Smooth Plate		36" x 36"		4.5	4.5	24.2°	24.2°		\$9,629
2888P32011B01					4.5	12	24.2°	8.8°		\$9,924
2888P32011B02					4.5	18	24.2°	5.9°		\$10,008
2888P32011B11					12	12	8.8°	8.8°		\$10,218
2888P32011B12					12	18	8.8°	5.9°		\$10,303
2888P32011B22					18	18	5.9°	5.9°		\$10,386
2888P32021B00	304 Stainless Steel Glass Bead Blasted Smooth Plate		42" x 42"		4.5	4.5	24.2°	24.2°		\$10,188
2888P32021B01					4.5	12	24.2°	8.8°	713 lb	\$10,525
2888P32021B02					4.5	18	24.2°	5.9°		\$10,609
2888P32021B11					12	12	8.8°	8.8°		\$10,862
2888P32021B12					12	18	8.8°	5.9°		\$10,947
2888P32021B22					18	18	5.9°	5.9°	799 lb	\$11,030
2888P32012B00	304 Stainless Steel Glass Bead Blasted Smooth Plate	2500 lb	36" x 36"	4.5	4.5	24.2°	24.2°		\$9,629	
2888P32012B01				4.5	12	24.2°	8.8°		\$9,924	
2888P32012B02				4.5	18	24.2°	5.9°		\$10,008	
2888P32012B11				12	12	8.8°	8.8°		\$10,218	
2888P32012B12				12	18	8.8°	5.9°		\$10,303	
2888P32012B22				18	18	5.9°	5.9°		\$10,386	
2888P32022B00	304 Stainless Steel Glass Bead Blasted Smooth Plate		42" x 42"		4.5	4.5	24.2°	24.2°		\$10,188
2888P32022B01					4.5	12	24.2°	8.8°		\$10,525
2888P32022B02					4.5	18	24.2°	5.9°	700 lb	\$10,609
2888P32022B11					12	12	8.8°	8.8°		\$10,862
2888P32022B12					12	18	8.8°	5.9°		\$10,947
2888P32022B22					18	18	5.9°	5.9°		\$11,030



2888

Produced in a
facility that is



2888 DECKMATE®

Portable Platform
304 Stainless Steel Tread Plate

APPLIED

Ordering Information

2888 DECKMATE - Portable Platform with 304 SS Tread Plate Deck

Order Number	Construction	Capacity (lb)	Scale Base Dimensions	Ramp (in)		Ramp Angle of Incline		Shipping Weight (lb)	Suggested List Price (CDN\$)
				1	2	1	2		
2888P20030B00	304 Stainless Steel Glass Bead Blasted Tread Plate	500 lb	24" x 24"	4.5	4.5	17.8°	17.8°		\$7,960
2888P20030B01				4.5	12	17.8°	6.6°		\$8,205
2888P20030B02				4.5	18	17.8°	4.4°		\$8,299
2888P20030B11				12	12	6.6°	6.6°		\$8,447
2888P20030B12				12	18	6.6°	4.4°		\$8,543
2888P20030B22				18	18	4.4°	4.4°		\$8,639
2888P20000B00	304 Stainless Steel Glass Bead Blasted Tread Plate		30" x 30"	4.5	4.5	17.8°	17.8°		\$7,960
2888P20000B01				4.5	12	17.8°	6.6°		\$8,205
2888P20000B02				4.5	18	17.8°	4.4°		\$8,299
2888P20000B11				12	12	6.6°	6.6°		\$8,447
2888P20000B12				12	18	6.6°	4.4°		\$8,543
2888P20000B22				18	18	4.4°	4.4°		\$8,639
2888P22001B00	304 Stainless Steel Glass Bead Blasted Tread Plate	1000 lb	30" x 30"	4.5	4.5	17.8°	17.8°		\$7,960
2888P22001B01				4.5	12	17.8°	6.6°		\$8,205
2888P22001B02				4.5	18	17.8°	4.4°		\$8,299
2888P22001B11				12	12	6.6°	6.6°		\$8,447
2888P22001B12				12	18	6.6°	4.4°		\$8,543
2888P22001B22				18	18	4.4°	4.4°		\$8,639
2888P22011B00	304 Stainless Steel Glass Bead Blasted Tread Plate		36" x 36"	4.5	4.5	24.2°	24.2°		\$10,592
2888P22011B01				4.5	12	24.2°	8.8°		\$10,917
2888P22011B02				4.5	18	24.2°	5.9°		\$11,008
2888P22011B11				12	12	8.8°	8.8°		\$11,240
2888P22011B12				12	18	8.8°	5.9°		\$11,334
2888P22011B22				18	18	5.9°	5.9°		\$11,425
2888P22021B00	304 Stainless Steel Glass Bead Blasted Tread Plate		42" x 42"	4.5	4.5	24.2°	24.2°		\$11,205
2888P22021B01				4.5	12	24.2°	8.8°		\$11,578
2888P22021B02				4.5	18	24.2°	5.9°		\$11,669
2888P22021B11				12	12	8.8°	8.8°		\$11,949
2888P22021B12				12	18	8.8°	5.9°		\$12,041
2888P22021B22				18	18	5.9°	5.9°		\$12,132
2888P22012B00	304 Stainless Steel Glass Bead Blasted Tread Plate	2500 lb	36" x 36"	4.5	4.5	24.2°	24.2°		\$10,592
2888P22012B01				4.5	12	24.2°	8.8°		\$10,917
2888P22012B02				4.5	18	24.2°	5.9°		\$11,008
2888P22012B11				12	12	8.8°	8.8°		\$11,240
2888P22012B12				12	18	8.8°	5.9°		\$11,334
2888P22012B22				18	18	5.9°	5.9°		\$11,425
2888P22022B00	304 Stainless Steel Glass Bead Blasted Tread Plate		42" x 42"	4.5	4.5	24.2°	24.2°		\$11,205
2888P22022B01				4.5	12	24.2°	8.8°		\$11,578
2888P22022B02				4.5	18	24.2°	5.9°		\$11,669
2888P22022B11				12	12	8.8°	8.8°		\$11,949
2888P22022B12				12	18	8.8°	5.9°		\$12,041
2888P22022B22				18	18	5.9°	5.9°		\$12,132

Floor Scales

2888 DECKMATE®

Portable Platform

316 Stainless Steel Deck



Produced in a facility that is



2888

APPLIED

Ordering Information

2888 DECKMATE - Portable Platform with 316 SS Smooth Plate Deck and 304 SS Structural Components

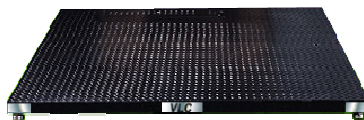
Order Number	Construction	Capacity (lb)	Scale Base Dimensions	Ramp (in)		Ramp Angle of Incline		Shipping Weight (lb)	Suggested List Price (CDN\$)
				1	2	1	2		
2888P50030B00	316 Stainless Steel Glass Bead Blasted Smooth Plate	500 lb	24" x 24"	4.5	4.5	17.8°	17.8°	430	\$11,259
2888P50030B01				4.5	12	17.8°	6.6°		\$11,603
2888P50030B02				4.5	18	17.8°	4.4°		\$11,737
2888P50030B11				12	12	6.6°	6.6°		\$11,946
2888P50030B12				12	18	6.6°	4.4°		\$12,081
2888P50030B22				18	18	4.4°	4.4°		\$12,215
2888P50000B00	316 Stainless Steel Glass Bead Blasted Smooth Plate		30" x 30"	4.5	4.5	17.8°	17.8°		\$11,259
2888P50000B01				4.5	12	17.8°	6.6°		\$11,603
2888P50000B02				4.5	18	17.8°	4.4°		\$11,737
2888P50000B11				12	12	6.6°	6.6°		\$11,946
2888P50000B12				12	18	6.6°	4.4°		\$12,081
2888P50000B22				18	18	4.4°	4.4°		\$12,215
2888P52001B00	316 Stainless Steel Glass Bead Blasted Smooth Plate	1000 lb	30" x 30"	4.5	4.5	17.8°	17.8°	\$11,259	
2888P52001B01				4.5	12	17.8°	6.6°	\$11,603	
2888P52001B02				4.5	18	17.8°	4.4°	\$11,737	
2888P52001B11				12	12	6.6°	6.6°	\$11,946	
2888P52001B12				12	18	6.6°	4.4°	\$12,081	
2888P52001B22				18	18	4.4°	4.4°	\$12,215	
2888P52011B00	316 Stainless Steel Glass Bead Blasted Smooth Plate		36" x 36"	4.5	4.5	24.2°	24.2°	\$14,913	
2888P52011B01				4.5	12	24.2°	8.8°	\$15,371	
2888P52011B02				4.5	18	24.2°	5.9°	\$15,501	
2888P52011B11				12	12	8.8°	8.8°	\$15,828	
2888P52011B12				12	18	8.8°	5.9°	\$15,959	
2888P52011B22				18	18	5.9°	5.9°	\$16,088	
2888P52021B00	316 Stainless Steel Glass Bead Blasted Smooth Plate		42" x 42"	4.5	4.5	24.2°	24.2°	\$15,779	
2888P52021B01				4.5	12	24.2°	8.8°	\$16,302	
2888P52021B02				4.5	18	24.2°	5.9°	\$16,431	
2888P52021B11				12	12	8.8°	8.8°	\$16,826	
2888P52021B12				12	18	8.8°	5.9°	\$16,955	
2888P52021B22				18	18	5.9°	5.9°	\$17,086	
2888P52012B00	316 Stainless Steel Glass Bead Blasted Smooth Plate	2500 lb	36" x 36"	4.5	4.5	24.2°	24.2°	\$14,913	
2888P52012B01				4.5	12	24.2°	8.8°	\$15,371	
2888P52012B02				4.5	18	24.2°	5.9°	\$15,501	
2888P52012B11				12	12	8.8°	8.8°	\$15,828	
2888P52012B12				12	18	8.8°	5.9°	\$15,959	
2888P52012B22				18	18	5.9°	5.9°	\$16,088	
2888P52022B00	316 Stainless Steel Glass Bead Blasted Smooth Plate		42" x 42"	4.5	4.5	24.2°	24.2°	\$15,779	
2888P52022B01				4.5	12	24.2°	8.8°	\$16,302	
2888P52022B02				4.5	18	24.2°	5.9°	\$16,431	
2888P52022B11				12	12	8.8°	8.8°	\$16,826	
2888P52022B12				12	18	8.8°	5.9°	\$16,955	
2888P52022B22				18	18	5.9°	5.9°	\$17,086	

Produced in a facility that is



Design to Fit Floor Scales

These are non-standard custom/specialty products and cannot be returned for credit.



VLC



2158 VERTEX

	COMMERCIAL VLC Commercial Duty Floor Scale	APPLIED VERTEX® Extreme Duty Floor Scale
Loadcell	- Model 745A stainless steel 2 mV/V load cells - Hermetically Sealed - Rocker pin foot - IP69K Stainless Steel Junction Box	- VERTEX® engine - Model 745A stainless steel 2 mV/V load cells - Hermetically Sealed - Chamfered rocker pin suspension - IP69K Stainless Steel Junction Box
Capacity	1000/2500/6000/10,000 lb 500/1000/3000/5000 kg	500/1000/2500/5000/10,000/20,000 lb 250/500/1000/2500/5000/10,000 kg
Steel	Standard - MT - Mild Steel Tread Plate - SS - Stainless Steel Smooth Plate Optional - MS - Mild Steel Smooth Plate - ST - Stainless Steel Tread Plate Finish - MS/MT: 2-part Epoxy - SS/ST: Glass Bead Blasted	Standard - MT - Mild Steel Tread Plate - SS - Stainless Steel Smooth Plate Optional - MS - Mild Steel Smooth Plate - ST - Stainless Steel Tread Plate 316 Stainless Steel Smooth Plate Finish - MS/MT: 2-part Epoxy - SS/ST: Glass Bead Blasted - Special polished finishes (optional)
Dimensions	Min Width: 2 ft (915 mm) Max Width: 6 ft (1829 mm) Max Length: 7 ft (2134 mm)	Min Width: 10 in (254 mm) Max Width: 7 ft (2134 mm) Max Length: 10 ft (3048 mm)
Approvals	- COC #95-111A4 - H44 5000d ambient in approved size/capacity - Otherwise 2000d at ambient - Scales are NOT marked Class III	- COC #91-097 - H44 5000d at ambient from 3' x 3' to 5' x 7' - Otherwise 2000d at ambient - Scales are NOT marked Class III
Cable	25 ft plain end instrument cable included	25 ft plain end instrument cable included

Custom Options:

- | | | |
|--|--|--|
| <ul style="list-style-type: none"> Standard Ramps Lo-Angle Ramps Hi-Profile Ramps OIML Loadcells | <ul style="list-style-type: none"> Quick-Pit Frames Forklift Frames Portability Frames Hi-Accuracy Testing | <ul style="list-style-type: none"> Side Rails Scale Guard Frame Protectors Top Access Plates Tote (IBC) Applications |
|--|--|--|

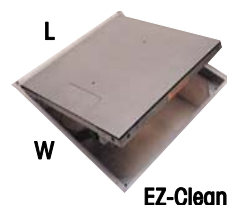
Design your own!

Go to www.my-mtconnection.com and select "Sales Tools - Quoting Tools - Floor Scales", email Design2FitFS@mt.com or give us a call!

Floor Scales

2158 Vertex®

Specialty Application EZ-Clean Stainless Steel



CUSTOM APPLIED

Approvals:

- Class III, 5000d, COC #91-097
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 745A stainless steel hermetically sealed 2mV/V load cells
- Rocker Pin suspension
- Stainless steel, smooth plate platform
- Stainless Steel Quick-Pit Frame assembly included
- Glass bead blasted finish
- IP69K stainless steel summing junction box with trim pots
- Pneumatic lifting cylinders with self-deploying safety feature
- Easy access for cleaning
- 2 Year factory warranty
- 25 ft plain end-to-end instrument cable
- 17 in depth (1-5k lb), 18 in depth (10k lb)
- Hinge side is the length (L)

Accessories:

- See Floor Scales Accessories page

Ordering Information

EZ-Clean Stainless Steel

Order Number	Standard Pit Frame Order Number ¹	Mounting	Platform Size (ft)	Capacity (lb)	Optional Pit Liner Order Number ²	Suggested List Price (CDN\$)
2158ED2311HAX	2158EF233100X	Harsh/Wall	3' x 3'	1000 lb	2158EP333100x	\$15,169
2158ED2311PAX		Panel				\$15,169
2158ED2321HAX		Harsh/Wall		2500 lb		\$15,169
2158ED2321PAX		Panel				\$15,169
2158ED2331HAX		Harsh/Wall		5000 lb		\$15,169
2158ED2331PAX		Panel				\$15,169
2158ED2312HAX	2158EF233200X	Harsh/Wall	4' x 4'	1000 lb	2158EP333200x	\$16,350
2158ED2312PAX		Panel				\$16,350
2158ED2322HAX		Harsh/Wall		2500 lb		\$16,350
2158ED2322PAX		Panel				\$16,350
2158ED2332HAX		Harsh/Wall		5000 lb		\$16,350
2158ED2332PAX		Panel				\$16,350
2158ED2342HAX	2158EF234200X	Harsh/Wall		10000 lb	N/A	\$18,034
2158ED2342PAX		Panel				\$18,034
2158ED2313HAX	2158EF233300X	Harsh/Wall	4' W x 5' L	1000 lb	2158EP333300x	\$16,689
2158ED2313PAX		Panel				\$16,689
2158ED2323HAX		Harsh/Wall		2500 lb		\$16,689
2158ED2323PAX		Panel				\$16,689
2158ED2333HAX		Harsh/Wall		5000 lb		\$16,689
2158ED2333PAX		Panel				\$16,689
2158ED2343HAX	2158EF234300X	Harsh/Wall		10000 lb	N/A	\$18,370
2158ED2343PAX		Panel				\$18,370
2158ED2314HAX	2158EF233400X	Harsh/Wall	5' x 5'	1000 lb	2158EP333400x	\$18,702
2158ED2314PAX		Panel				\$18,702
2158ED2324HAX		Harsh/Wall		2500 lb		\$18,702
2158ED2324PAX		Panel				\$18,702
2158ED2334HAX		Harsh/Wall		5000 lb		\$18,702
2158ED2334PAX		Panel				\$18,702
2158ED2344HAX	2158EF234400X	Harsh/Wall		10000 lb	N/A	\$19,550
2158ED2344PAX		Panel				\$19,550

¹ For Standard Pit Frame, include line item number at \$0. ² For Optional Pit Liner, add line item from next page.

2158 Vertex® EZ-Clean

Ordering Information

EZ-Clean Stainless Steel

Order Number	Standard Pit Frame Order Number ¹	Mounting	Platform Size (ft)	Capacity (lb)	Optional Pit Liner Order Number ²	Suggested List Price (CDN\$)
2158ED2315HAX	2158EF233500X	Harsh/Wall	4' W x 6' L	1000 lb	2158EP333500x	\$18,702
2158ED2315PAX		Panel				\$18,702
2158ED2325HAX		Harsh/Wall		2500 lb		\$18,702
2158ED2325PAX		Panel				\$18,702
2158ED2335HAX		Harsh/Wall		5000 lb		\$18,702
2158ED2335PAX		Panel				\$18,702
2158ED2345HAX	2158EF234500X	Harsh/Wall		10000 lb	N/A	\$19,550
2158ED2345PAX		Panel				\$19,550
2158ED2336HAX	2158EF233600X	Harsh/Wall	5' W x 7' L	5000 lb	2158EP333600x	\$21,910
2158ED2336PAX		Panel				\$21,910
2158ED2346HAX		Harsh/Wall		10000 lb		\$21,910
2158ED2346PAX		Panel				\$21,910

¹For Standard Pit Frame, include line item number at \$0. ²For Optional Pit Liner, add line item from below.

EZ-Clean Stainless Steel Pit Liners

Standard Features:

- Fully-formed 304 stainless steel "tub"
- Smooth, seamless appearance
- No finished concrete work required
- Provides flush mount installation
- Full support of an outer frame
- Easy in-ground installation
- Easy installation on second floor or mezzanine
- Mounting and suspension detail included
- Integrated Quick-Pit frame
- Easy fork lift access
- Wet installation - drain hole
- Custom drain installation (optional)
- Dry installation - solid pan floor

Order Number		Platform Size (ft)	Capacity (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
2158EP3331000	No Drain	3' x 3'	1000-5000 lb	300 lb	\$6,952
2158EP3331001	2" Drain			300 lb	\$6,952
2158EP3331003	3" Drain			300 lb	\$6,952
2158EP3332000	No Drain	4' x 4'		350 lb	\$8,661
2158EP3332001	2" Drain			350 lb	\$8,661
2158EP3332003	3" Drain			350 lb	\$8,661
2158EP3333000	No Drain	4' x 5'		375 lb	\$10,026
2158EP3333001	2" Drain			375 lb	\$10,026
2158EP3333003	3" Drain			375 lb	\$10,026
2158EP3334000	No Drain	5' x 5'		400 lb	\$10,595
2158EP3334001	2" Drain			400 lb	\$10,595
2158EP3334003	3" Drain			400 lb	\$10,595
2158EP3335000	No Drain	4' x 6'		400 lb	\$10,595
2158EP3335001	2" Drain			400 lb	\$10,595
2158EP3335003	3" Drain		400 lb	\$10,595	
2158EP3336000	No Drain	5' x 7'	500 lb	\$15,140	
2158EP3336001	2" Drain		500 lb	\$15,140	
2158EP3336003	3" Drain		500 lb	\$15,140	

Call for availability of custom dimensions and/or different capacities

2266 EZ-Lift

Specialty Application Stainless Steel



CUSTOM APPLIED

Approvals:

- NTEP Class III, 5000d, COC #97-153 (performs to 5000d)
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 745A stainless steel hermetically sealed 2mV/Vload cells w/30' cables
- Gas-pressurized lifting struts ease lifting
- Rocker Pin suspension
- Easy access for cleaning
- Stainless steel, smooth plate platform
- 2 Year factory warranty
- Stainless Steel sub-frame assembly with mounting hardware included
- 25 ft plain end-to-end instrument cable
- Glass bead blasted finish
- 4 in height
- Remote IP69K stainless steel summing junction box with trim pots
- Hinge side is the length (L)

Accessories:

- See Floor Scales Accessories page

Ordering Information

EZ-Lift Stainless Steel

Order Number	Platform Size (ft)	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
22661011	3' x 3'	1000 lb	500 lb	275 lb	\$11,009
22661012		2500 lb	1250 lb	275 lb	\$11,009
22661013		5000 lb	2500 lb	275 lb	\$11,009
22661021	4' x 4'	1000 lb	500 lb	420 lb	\$12,168
22661022		2500 lb	1250 lb	420 lb	\$12,168
22661023		5000 lb	2500 lb	420 lb	\$12,168
22661041	5' x 5'	1000 lb	500 lb	590 lb	\$12,988
22661042		2500 lb	1250 lb	590 lb	\$12,988
22661043		5000 lb	2500 lb	590 lb	\$12,988
22661051	4' W x 6' L	1000 lb	500 lb	570 lb	\$12,988
22661052		2500 lb	1250 lb	570 lb	\$12,988
22661053		5000 lb	2500 lb	570 lb	\$12,988

EZ-Lift Stainless Steel Quick-Pit Frames

58-200773	3' x 3'	1000-5000 lb	225 lb	\$1,699
58-200775	4' x 4'		250 lb	\$1,880
58-200145	5' x 5'		275 lb	\$2,222
58-200555	4' x 6'		275 lb	\$2,222

EZ-Lift Stainless Steel Pit Liners

EZL-600000	3' x 3'	1000-5000 lb	225 lb	\$6,231
EZL-600001	4' x 4'		275 lb	\$6,790
EZL-600002	4' x 6'		325 lb	\$7,329
EZL-600003	5' x 5'		325 lb	\$7,329

EZ-Lift Stainless Steel, Smooth Plate Ramps

Order Number	Ramp Width (ft)	Ramp Length (ft)	Incline	EZ-Lift Capacity (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-140729	3	3	4.9°	1000-5000 lb	200 lb	\$1,537
58-100337	4	3			250 lb	\$1,880
58-100336	5	3			300 lb	\$2,391
58-120732	3	5	3.5° (low angle)		360 lb	\$2,391
58-120733	4	5			430 lb	\$2,791
58-120730	5	5			260 lb	\$3,079

2158 Vertex® Design to Fit Custom Applications

Specialty Application

CUSTOM APPLIED

Approvals:

- Class III, 5000d, COC #91-097, COC #94-101
(scales less than 3 ft x 3 ft or greater than 5 ft x 7 ft may have reduced increment size for legal-for-trade applications)
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Any size, capacity, or steel type Vertex base - standard or custom
- 2 Year factory warranty
- Model 745A stainless steel hermetically sealed 2mV/V load cells
- 25 ft plain end-to-end instrument cable
- Rocker Pin suspension
- IP69K stainless steel summing junction box with trim pots
- Hole must fit within the allowable relief area of the scale

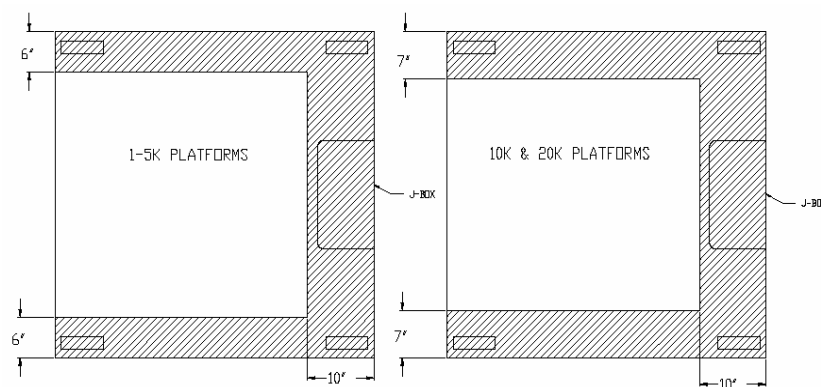
Accessories:

- See Floor Scales Accessories page

Ordering Information

2158 Vertex Custom Applications

Order Number	Description	Hole Size	Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
Custom - Order Numbers will be assigned after placement of order.	Top Access Square Hole with Cover Plate	12" x 12"	Mild or Stainless Steel		\$602
		18" x 18"			\$663
		24" x 24"			\$723
	Intermediate Bulk Container (IBC) Round Hole	12" Diameter	Mild or Stainless Steel		\$663
		18" Diameter			\$723
		24" Diameter			\$783
	Intermediate Bulk Container (IBC) Round Hole with IBC locator plates	12" Diameter	Mild Steel		\$723
		18" Diameter			\$783
		24" Diameter			\$843
		12" Diameter	Stainless Steel		\$810
		18" Diameter			\$867
		24" Diameter			\$926



Allowable Opening Area

2158 MICRO Vertex® Specialty Application

Produced in a
facility that is



MICRO Vertex

CUSTOM APPLIED

Approvals:

- 5000d Load Cells
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 745A stainless steel hermetically sealed 2mV/V load cells (250 lb loadcells are potted)
- Rocker Pin suspension
- 25 ft plain end instrument cable
- 3 in height
- 2 Year factory warranty
- IP69K stainless steel summing junction box with trim pots (Remote J-Box on platforms less than 28 inches)
- 7.5 ft loadcell cable standard (15 ft cable with remote J-Box)

Accessories:

- Ramps
- Quick-Pit frames
- Forklift channel frames
- Scale guard frame protectors
- See Floor Scales accessories page

Ordering Information

2158 MICRO Vertex Floor Scale - Mild Steel (epoxy painted, tread plate deck finish)

Order Number	Platform Size (in)	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
Custom - Order Numbers will be assigned after placement of order.	10" x 10"	500 lb	250 lb	100 lb	\$3,244
	12" x 12"	500 lb	250 lb	120 lb	\$3,388
	18" x 18"	500 lb	250 lb	125 lb	\$3,612
		1000 lb	500 lb	125 lb	\$3,612
		2500 lb	1250 lb	125 lb	\$3,612
		5000 lb	2500 lb	125 lb	\$3,612
	20" x 20"	500 lb	250 lb	150 lb	\$3,671
		1000 lb	500 lb	150 lb	\$3,671
		2500 lb	1250 lb	150 lb	\$3,671
		5000 lb	2500 lb	150 lb	\$3,671
	24" x 24"	500 lb	250 lb	200 lb	\$3,953
		1000 lb	500 lb	200 lb	\$3,953
		2500 lb	1250 lb	200 lb	\$3,953
		5000 lb	2500 lb	200 lb	\$3,953
	24" x 30"	500 lb	250 lb	225 lb	\$4,206
		1000 lb	500 lb	225 lb	\$4,206
		2500 lb	1250 lb	225 lb	\$4,206
		5000 lb	2500 lb	225 lb	\$4,206
	30" x 30"	500 lb	250 lb	250 lb	\$4,348
		1000 lb	500 lb	250 lb	\$4,348
		2500 lb	1250 lb	250 lb	\$4,348
		5000 lb	2500 lb	250 lb	\$4,348

2158 MICRO Vertex Floor Scale - Other Mild Steel (epoxy painted finish standard)

- Mild Steel, smooth plate (add 5% to price of Mild Steel, tread plate for budget price)

See page FS-25 for custom sizes and applications

2158 MICRO Vertex®

2158 MICRO Vertex Floor Scale - 304 Stainless Steel (glass bead blasted, smooth plate deck finish)

Order Number	Platform Size (in)	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
Custom - Order Numbers will be assigned after placement of order.	10" x 10"	500 lb	250 lb	100 lb	\$4,928
	12" x 12"	500 lb	250 lb	120 lb	\$5,078
	18" x 18"	500 lb	250 lb	125 lb	\$5,377
		1000 lb	500 lb	125 lb	\$5,377
		2500 lb	1250 lb	125 lb	\$5,377
		5000 lb	2500 lb	125 lb	\$5,377
	20" x 20"	500 lb	250 lb	150 lb	\$5,526
		1000 lb	500 lb	150 lb	\$5,526
		2500 lb	1250 lb	150 lb	\$5,526
		5000 lb	2500 lb	150 lb	\$5,526
	24" x 24"	500 lb	250 lb	200 lb	\$5,678
		1000 lb	500 lb	200 lb	\$5,678
		2500 lb	1250 lb	200 lb	\$5,678
		5000 lb	2500 lb	200 lb	\$5,678
	24" x 30"	500 lb	250 lb	225 lb	\$6,094
		1000 lb	500 lb	225 lb	\$6,094
		2500 lb	1250 lb	225 lb	\$6,094
		5000 lb	2500 lb	225 lb	\$6,094
	30" x 30"	500 lb	250 lb	250 lb	\$7,620
		1000 lb	500 lb	250 lb	\$7,620
		2500 lb	1250 lb	250 lb	\$7,620
		5000 lb	2500 lb	250 lb	\$7,620

2158 MICRO Vertex Floor Scale - Other Stainless Steel (glass bead blasted standard)

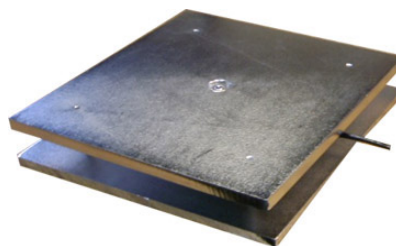
- 304 Stainless Steel, tread plate (add 10% to price of Stainless Steel, smooth plate for budget price)
- 316L Stainless Steel, smooth plate (add 50% to price of Stainless Steel, smooth plate for budget price)

See page FS-25 for custom sizes and applications

0970C Cylinder Scale

Commercial Duty

Produced in a facility that is



APPLIED

Approvals:

- Model 0970C: Factory Mutual (FM) Hazardous Area Approval

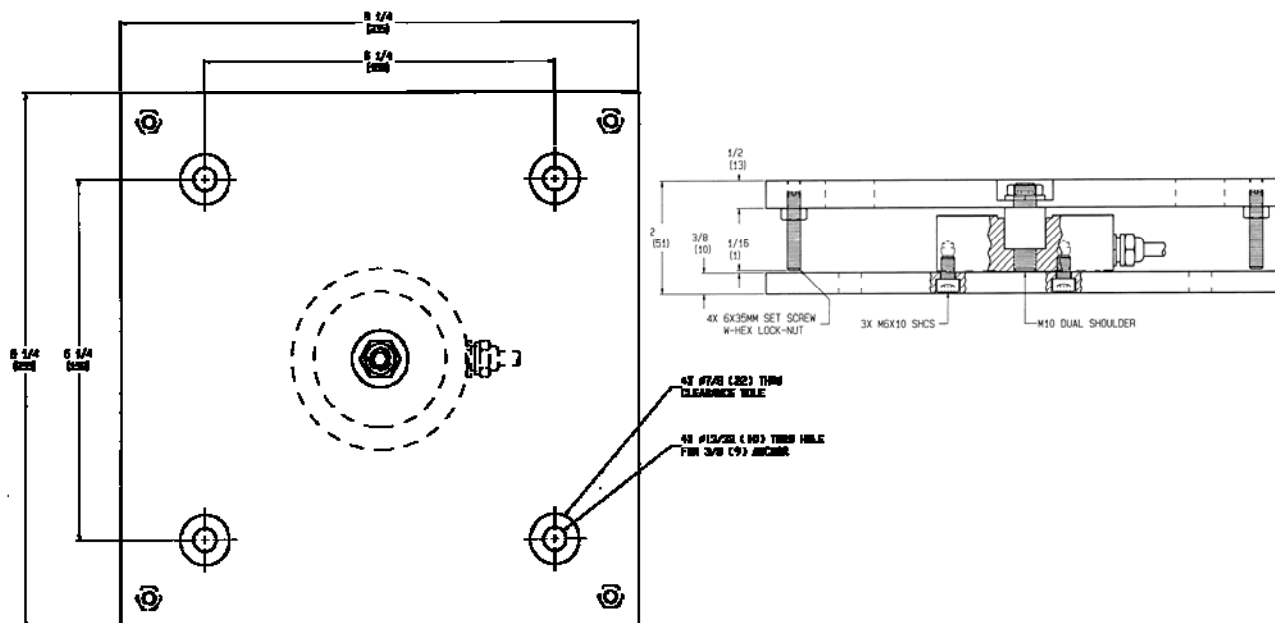
Standard Features:

- Designed specifically to weigh a standard sized gas cylinder centered on upper platform
- Small foot print - 2 in overall height profile
- 550 lb (250 kg) capacity
- Single hermetically sealed stainless steel 1.75mV/V Ring Load Cell (RLC)
- IP68 ingress protection
- Integrated 16 ft loadcell cable for direct connection to terminal
- Epoxy painted mild steel or 304 stainless steel top and bottom 1/2" thick load plates (316 load plates available custom)
- Combination anti-tip overload bolts (4) factory installed in corners
- Note: No off center loading; cylinder size vs. platform

Ordering Information

0970C Gas Cylinder Scale

Order Number	Capacity	Platform Dimensions (in)	Load Plate Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
0970C1X2405	500lb / 250 kg	6" x 6"	Mild steel, epoxy painted		Call
0970C1X2402		9 1/4" x 9 1/4"			Call
0970C1X2401		12" x 12"	304 Stainless steel		Call
0970C1X2403					Call





Produced in a facility that is



MT1241 Cylinder Scale

Commercial Duty

COMMERCIAL

Approvals:

- None

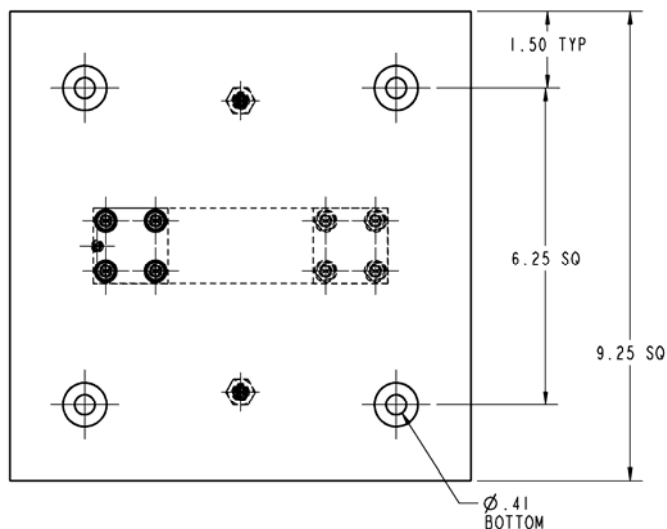
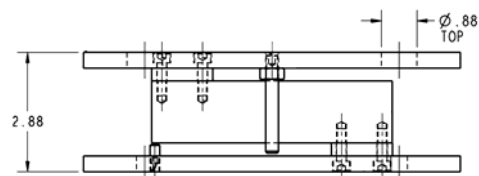
Standard Features:

- Designed specifically to weigh a standard sized gas cylinder centered on upper platform
- Small foot print - 2.88 in overall height profile
- 550 lb (250 kg) capacity
- Single potted aluminum MT1241 2mV/V moment insensitive load cell (MILC)
- IP67 ingress protection
- Integrated 33 ft (10 m) load cell cable for direct connection to terminal
- Epoxy painted mild steel top and bottom 3/8 in thick load plates (316 load plates available custom)
- Combination anti-tip overload bolts (2) factory installed

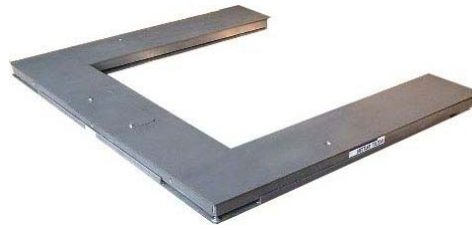
Ordering Information

MT1241 Gas Cylinder Scale (NOT Hazardous Area approved)

Order Number	Capacity (lb)	Platform Dimensions (in)	Load Plate Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
TA601245	500lb / 250 kg	9¼" x 9¼"	Mild steel, epoxy coated		Call



2158 Vertex[®] U-Scale Specialty Application



CUSTOM APPLIED

Approvals:

- Class III, 5000d, non-approved

Standard Features:

- Model 745A stainless steel hermetically sealed 2mV/V load cells
- Rocker Pin suspension
- IP69K stainless steel summing junction box with trim pots
- 2 Year factory warranty
- 25 ft plain end-to-end instrument cable

Options:

- U-Flange[™] 1½ in profile for ultra-low scale ingress

Accessories:

- See Floor Scales Accessories page

- Factory Mutual (FM) Hazardous Area Approval

Applications:

- Designed for easy entry by hand-operated tote trucks
- Scale profile is very low to reduce lifting height
- Ideal for tanks and totes



Optional 2158 U-Flange
(1½" profile)

*** A completed Custom Specification Sheet (TN800869) must accompany each order. ***

Ordering Information

2158 Vertex U-Scale

Order Number	Steel	Capacity	Maximum Overall Dim		Maximum Inside Dim		Shipping Weight (lb)	Suggested List Price (CDN\$)
			W(in)	L(in)	W(in)	L(in)		
Custom - Order Numbers will be assigned after placement of order.	Mild Steel Tread Plate	1000-5000 lb	36	36	24	24	250 lb	Call
			48	48	36	36	400 lb	Call
			48	60	36	48	475 lb	Call
			60	60	48	48	575 lb	Call
			48	72	36	60	525 lb	Call
			60	84	48	72	520 lb	Call
		10,000 lb	48	48	36	36	475 lb	Call
			48	60	36	48	650 lb	Call
			60	60	48	48	675 lb	Call
			48	72	36	60	675 lb	Call
			60	84	48	72	950 lb	Call
	Stainless Steel Smooth Plate	1000-5000 lb	36	36	24	24	250 lb	Call
			48	48	36	36	400 lb	Call
			48	60	36	48	475 lb	Call
			60	60	48	48	575 lb	Call
			48	72	36	60	525 lb	Call
			60	84	48	72	520 lb	Call

Add 5% for mild steel smooth plate, 10% for stainless steel tread plate

2158 Vertex U-Flange[™] option (sum the inside linear length - left side + right side + back)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-XXXXXX	U-Flange [™] option in mild steel	\$ per inch	\$3.30
58-XXXXXX	U-Flange [™] option in stainless steel	\$ per inch	\$4.95



2256 VLC U-Scale

Specialty Application

CUSTOM APPLIED

Approvals:

- Class III, 5000d, non-approved
- Factory Mutual (FM) Hazardous Area Approval

Applications:

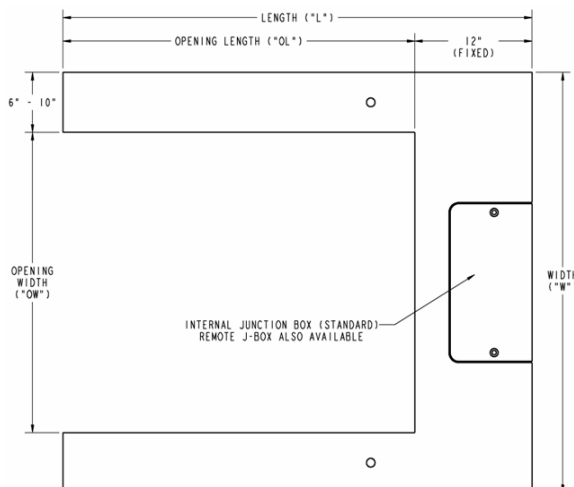
- Designed for easy entry by hand-operated tote trucks
- Scale profile is very low to reduce lifting height
- Ideal for tanks and totes
- Scale base is portable

Standard Features:

- Model 745A stainless steel hermetically sealed 2mV/V load cells
- Rocker pin foot
- IP69K stainless steel summing junction box with trim pots
- 2 Year factory warranty
- 25 ft plain end-to-end instrument cable

Accessories:

- See Floor Scales Accessories page



*** A completed Custom Specification Sheet (TN800869) must accompany each order. ***

Ordering Information

2256 VLC U-Scale

Order Number	Steel	Capacity	Maximum Overall Dim		Maximum Inside Dim		Shipping Weight (lb)	Suggested List Price (CDN\$)
			W(in)	L(in)	W(in)	L(in)		
Custom - Order Numbers will be assigned after placement of order.	Mild Steel Tread Plate	1000-5000 lb	36	36	24	24	250 lb	Call
			48	48	36	36	400 lb	Call
			48	60	36	48	475 lb	Call
			60	60	48	48	575 lb	Call
			48	72	36	60	525 lb	Call
			60	84	48	72	520 lb	Call
		10,000 lb	48	48	36	36	475 lb	Call
			48	60	36	48	650 lb	Call
			60	60	48	48	675 lb	Call
			48	72	36	60	675 lb	Call
			60	84	48	72	950 lb	Call
	Stainless Steel Smooth Plate	1000-5000 lb	36	36	24	24	250 lb	Call
			48	48	36	36	400 lb	Call
			48	60	36	48	475 lb	Call
			60	60	48	48	575 lb	Call
			48	72	36	60	525 lb	Call
			60	84	48	72	520	Call

Add 5% for mild steel smooth plate, 10% for stainless steel tread plate

Custom Specification Sheet for U-Scale

TN800869

Sales Order No. _____

Date _____

Customer Service Rep. _____

End User _____

Model

☐ 2158 Vertex (Analog)

☐ 2256 VLC (Analog)

Platform Deck Plate Type

☐ MT Mild (carbon) steel tread plate ASTM A36

☐ MS Mild (carbon) steel smooth plate ASTM A36

☐ ST Stainless steel tread plate AISI Type 304

☐ SS Stainless steel smooth plate AISI Type 304

☐ SS Stainless steel smooth plate AISI Type 316

Capacity

☐ 500 lb

☐ 600 kg

☐ 1000 lb

☐ 1500 kg

☐ 2500 lb

☐ 3000 kg

☐ 5000 lb

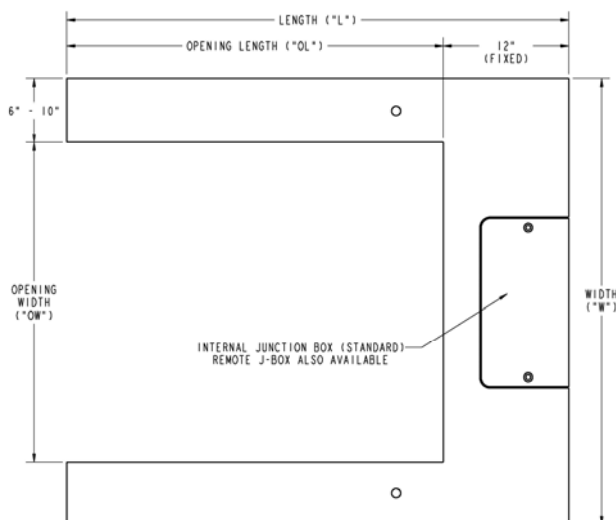
Size

☐ in (inches)

☐ mm (millimeters)*

*Sizes specified in mm will be rounded to the nearest 1/16"

_____ "W" Platform Width
_____ "L" Platform Length
_____ "OW" Opening Width
_____ "OL" Opening Length
_____ Internal Junction Box (Yes/No)



Notes

1. Maximum platform width is 72 inches.
2. Width of U-Scale's leg must be between 6 and 10 inches.
3. Width of U-Scale's closed end is 12 inches, and may not be modified.

Nmax

Unless otherwise specified, the Nmax ratings for custom floor scales are as follows:

2000d 1000 lb

2500d 500 lb, 2500 lb, 5000 lb

3000d 600-3000 kg

Note: A larger value for Nmax may be specified, however, additional manufacturing tooling may be required.

Loadcell Cable Length

For remote mount j-box applications, the following optional cable lengths may be specified:

☐ 15 ft

☐ 30 ft

Other

Contact MTMS Marketing for custom requirements not covered by this document.



2158 Vertex®

Specialty Application Chlorine Tank Scale

CUSTOM APPLIED

Approvals:

- NTEP Class III, 5000d, COC #91-097 (single tank scales only)
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 745A stainless steel hermetically sealed 2mV/V load cells
- Rocker Pin suspension
- 25 ft plain end instrument cable
- 2 Year factory warranty
- IP69K stainless steel summing junction box with trim pots
- 6 in diameter polyurethane-wheeled trunions support tanks

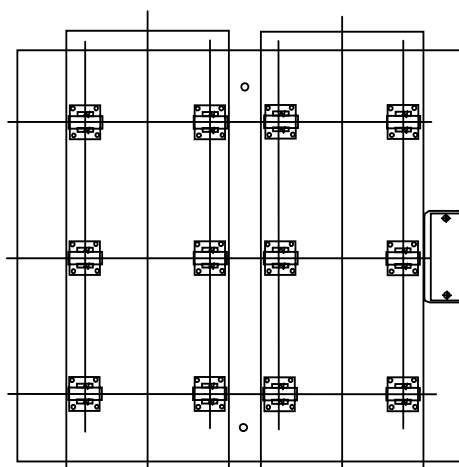
Ordering Information

Mild Steel, Smooth Plate

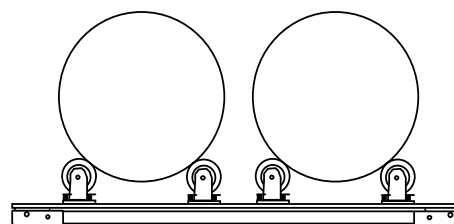
Order Number	Platform Dimensions (ft)	Number of Trunions	Capacity (lb)	Load Cell Size (lb)	NTEP	Shipping Weight (lb)	Suggested List Price (CDN\$)
2158C14803	4' x 6'	6	5000	2500	Yes	625 lb	\$7,792
2158C13334	6' x 7'	12	10,000	5000	No	1100 lb	\$11,464
2158C15344	7' x 10'	18	10,000	5000	No	1300 lb	\$15,436

Stainless Steel, Smooth Plate

2158C32623	4' x 6'	6	5000	2500	Yes	625 lb	\$10,909
2158C32614	6' x 7'	12	10,000	5000	No	1100 lb	\$18,807



Top View
General Layout of Chlorine Tank

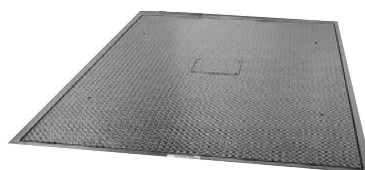


Side View with Twin Tanks
2158C13334
Twin Tank—6' W x 7' L, 12 Trunions

Floor Scales

MG4500 Liftmate™

Product Description



MG4500

CUSTOM APPLIED

Approvals:

- NTEP Class III, COC #89-103A1
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Model 743 stainless steel 2mV/V load cells
- Mild steel, smooth plate platform with integrated outer frame
- Pit or surface mount
- Height: 8-3/8 in (45k), 10-3/4 in (60k)
- Four (4) lifting eye bolts included
- Instrument cable and shims not included
- IP69K stainless steel summing junction box with trim pots

Accessories:

- Coil Cradle (60 klb)

Ordering Information

MG4500 Liftmate Floor Scales

Order Number	Capacity (lb)	Load Cell Size (lb)	Platform Size (ft)	Shipping Weight (lb)	Suggested List Price (CDN\$)
MG4500105565	40,000 lb	20,000 lb	5' x 5'	1400 lb	\$13,321
MG4500105765			5' x 7'	1800 lb	\$14,362
MG4500106665			6' x 6'	1900 lb	\$14,362
MG4500106865			6' x 8'	2400 lb	\$15,264
MG4500107965			7' x 9'	2800 lb	\$16,313
MG4500108065			8' x 10'	3250 lb	\$17,357
MG4500105575	60,000 lb	45,000 lb	5' x 5'	2390 lb	\$16,902
MG4500106675			6' x 6'	2925 lb	\$17,650
MG4500105775			5' x 7'	3065 lb	\$17,408
MG4500105875			5' x 8'	3365 lb	\$18,419
MG4500106875			6' x 8'	3755 lb	\$21,384
MG4500107775			7' x 7'	3790 lb	\$21,466
MG4500108875			8' x 8'	4545 lb	\$23,654

Coil Cradle Option

- Designed for 60,000 lb MG4500
- Rubber Belted Cradle
- Mounts to platform eyebolt hole location
- Maximum crane speed: 15FPM

Order Number	Fits Platform Size (ft)	Cradle Size (ft)	Cradle Height (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
45-025575	5' x 5'	3' x 4'	10 in	521 lb	\$2,204
45-025775	5' x 7'	4' x 5'		759 lb	\$2,665
45-025875	5' x 8'	4' x 6'		762 lb	\$2,741
45-026675	6' x 6'	4' x 5'		1026 lb	\$2,665
45-026875	6' x 8'	5' x 6'		1135 lb	\$2,818
45-027775	7' x 7'	5' x 6'		1032 lb	\$2,818
45-028875	8' x 8'	6' x 7'		1449 lb	\$3,025

Lifting Eye Bolt Hole Plugs

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-020000	Lifting Eye Bolts Hole plugs (four (4) required per MG4500)		\$7.08



MultiRange KC

MultiRange KCS



Produced in a facility that is



K-line

High Precision Platforms KC/KCS 300-600 kg

APPLIED

Approvals

- NTEP Class II, 32,000d, Class III, 10,000d, COC #00-075, Measurement Canada Approval #AM-5406

Standard Features

- MonoBloc Technology
- Measuring cell cable length 16 ft (5 m)
- IP67 protection
- Includes load plate



Ordering Information

KC / KCS Platforms

Order Number	Overall Dimensions	Capacity/Readability	Construction: Load Plate/Base	Shipping Weight (lb)	Suggested List Price (CDN\$)
KC300	39" x 32" (1000 x 800 mm)	600 lb/0.005 lb (300 kg/2 g)	Hot Galvanized / Black Powder Coat	251 lb	\$6,888
KC600		1200 lb/0.02 lb (600 kg/10 g)			\$7,352
KC300S		600 lb/0.005 lb (300 kg/2 g)	Stainless Steel	251 lb	\$9,628
KC600S		1200 lb/0.02 lb (600 kg/10 g)			\$10,135

KCS300	32" x 32" (800 x 800 mm)	600 lb/0.005 lb (300 kg/2 g)	Hot Galvanized / Black Powder Coat	251 lb	\$6,538
KCS600		1200 lb/0.02 lb (600 kg/10 g)			\$6,903
KCS300S		600 lb/0.005 lb (300 kg/2 g)	Stainless Steel	251 lb	\$9,419
KCS600S		1200 lb/0.02 lb (600 kg/10 g)			\$9,727

KC / KCS Ramps

Order Number	Description	Overall Dimensions	Applicable Platform	Ramp Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
503638	Tread Plate Ramp	32"W x 36"L x 5.5" H (800 x 1000 x 116 mm)	KC / KCS	Hot Dip Galvanized		\$974
599204	Tread Plate Ramp	32"W x 36"L x 5.5" H (800 x 1000 x 116 mm)	KC / KCS	Stainless Steel		\$2,243
599198	Smooth Plate Ramp	32"W x 36"L x 5.5" H (800 x 1000 x 116 mm)	KC / KCS	Stainless Steel		\$2,243

KC / KCS Pit Frame Kits

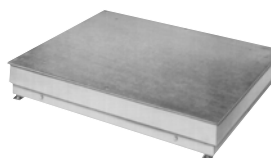
Order Number	Description	Applicable Platform	Pit Frame Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
503635	Pit Frame Kit	KC	Hot Dip		\$965
503636	Pit Frame Kit	KC	Stainless Steel		\$2,209
504550	Pit Frame Kit	KCS	Hot Dip		\$948
504551	Pit Frame Kit	KCS	Stainless Steel		\$2,197

Additional K-line accessories are located on page FS-48

K-line

High Precision Platforms KD 600-1500 kg

Produced in a
facility that is



MultiRange KD

APPLIED

Approvals

- NTEP Class III, 10,000d, COC #00-075 (applies to KD600 only)
- Measurement Canada Approval #AM-5406

Standard Features

- MonoBloc Technology
- Measuring cell cable length 16 ft (5 m)
- IP67 protection



Notes

- Platform price includes base only. Must add load plate

Ordering Information

KD Platforms

Order Number	Overall Dimensions	Capacity/Readability	Base Construction*	Shipping Weight (lb)	Suggested List Price (CDN\$)
KD600	49" x 39"	1200 lb/0.02 lb (600 kg/10 g)	Hot Dip	500 lb	\$8,928
KD1500	(1250 x 1000 mm)	3000 lb/0.05 lb (1500 kg/20 g)	Hot Dip	500 lb	\$9,588

*Note: KD does NOT include load plate; Must add load plate from following section

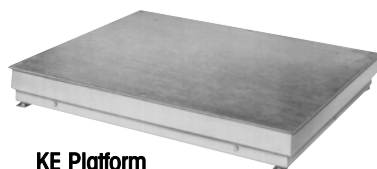
KD Load Plates

Order Number	Overall Dimensions	Applicable Platform	Load Plate Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
503617	49" x 39" (1250 x 1000 mm)	KD	Black Powder	132 lb	\$546
503618		KD	Hot Dip	132 lb	\$789
503619		KD	Stainless Steel	132 lb	\$1,927

KD Pit Frame Kits

Order Number	Description	Applicable Platform	Pit Frame Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
504077	Pit Frame Kit - Dry pit	KD	Hot Dip		\$1,075
504078	Pit Frame Kit - Wet pit with cleaning recesses	KD	Hot Dip		\$2,034
506399	Pit Frame Kit - Dry pit without cleaning recesses	KD	Stainless Steel		\$2,197
599738	Pit Frame Kit - Wet pit with cleaning recesses	KD	Stainless Steel		\$2,397

Additional K-line accessories are located on page FS-48



Produced in a facility that is



K-line

High Precision Platforms

KE / KES 1500-3000 kg

APPLIED

Standard Features

- MonoBloc Technology
- Measuring cell cable length 16 ft (5 m)
- IP67 protection

**Notes:**

- Platform price includes base only. Must add load plate

Ordering Information**KE / KES Platforms**

Order Number	Overall Dimensions	Capacity/Readability	Base Construction*	Shipping Weight (lb)	Suggested List Price (CDN\$)
KE1500	59" x 49"	3000 lb/0.05 lb (1500 kg/20 g)	Hot Dip	595 lb	\$11,339
KE3000	(1500 x 1250 mm)	6000 lb/0.1 lb (3000 kg/50 g)	Galvanized		\$11,960
KES1500	59" x 59"	3000 lb/0.05 lb (1500 kg/20 g)	Hot Dip	656 lb	\$12,576
KES3000	(1500 x 1500 mm)	6000 lb/0.1 lb (3000 kg/50 g)	Galvanized		\$13,250

*Note: KE / KES do NOT include load plate; Must add load plate from following section

KE / KES Load Plates

Order Number	Overall Dimensions	Applicable Platform	Load Plate Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
503620	59" x 49" (1500 x 1250 mm)	KE	Black Powder	266 lb	\$904
503621		KE	Hot Dip		\$1,318
503622		KE	Stainless Steel		\$3,440
504504	59" x 59" (1500 x 1500 mm)	KES	Black Powder	310 lb	\$1,039
504505		KES	Hot Dip		\$1,468
504506		KES	Stainless Steel		\$3,673

KE / KES Pit Frame Kits

Order Number	Description	Applicable Platform	Pit Frame Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
504079	Pit Frame Kit - Dry pit	KE	Hot Dip		\$1,181
504080	Pit Frame Kit - Wet pit with cleaning recesses	KE	Hot Dip		\$1,829
505270	Pit Frame Kit - Wet pit without cleaning recesses	KE	Stainless Steel		\$2,064
599675	Pit Frame Kit - Wet pit with cleaning recesses	KE	Stainless Steel		\$3,892
504512	Pit Frame Kit - Dry pit	KES	Hot Dip		\$1,239
504513	Pit Frame Kit - Wet pit with cleaning recesses	KES	Hot Dip		\$1,887
506401	Pit Frame Kit - Dry pit without cleaning recesses	KES	Stainless Steel		\$2,006
22007261	Pit Frame Kit - Wet pit without cleaning recesses	KES	Stainless Steel		\$2,123
599825	Pit Frame Kit - Wet pit with cleaning recesses	KES	Stainless Steel		\$4,010

Additional K-line accessories are located on page FS-48

K-line

High Precision Platforms Stainless Steel Liftdeck

Produced in a
facility that is



MultiRange KE

APPLIED

Standard Features:

- MonoBloc Technology
- Measuring cell cable length 16 ft (5 m)
- IP67 protection



Notes:

- Price includes base and load plate

Ordering Information

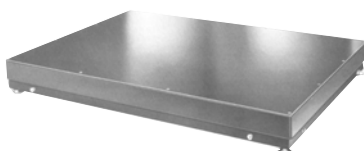
KE / KES Liftdeck Platforms

Order Number	Overall Dimensions	Capacity/Readability	Construction: Load Plate/Base	Shipping Weight (lb)	Suggested List Price (CDN\$)
KE1500S	59" x 49" (1500 x 1250 mm)	3000 lb/0.05 lb (1500 kg/20 g)	Tread Stainless Steel	720 lb	\$31,744
KE3000S		6000 lb/0.1 lb (3000 kg/50 g)	Steel		\$33,487
KE1500SK		3000 lb/0.05 lb (1500 kg/20 g)	Smooth Stainless Steel	720 lb	\$31,744
KE3000SK		6000 lb/0.1 lb (3000 kg/50 g)	Steel		\$33,487
KES1500S	59" x 59" (1500 x 1500 mm)	3000 lb/0.05 lb (1500 kg/20 g)	Tread Stainless Steel	795 lb	\$35,210
KES3000S		6000 lb/0.1 lb (3000 kg/50 g)	Steel		\$37,098
KES1500SK		3000 lb/0.05 lb (1500 kg/20 g)	Smooth Stainless Steel	795 lb	\$35,210
KES3000SK		6000 lb/0.1 lb (3000 kg/50 g)	Steel		\$37,098

KE / KES Liftdeck Pit Frame

Order Number	Description	Applicable Platform	Pit Frame Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
505270	Pit Frame Kit - Dry or wet pit without cleaning recesses	KE	Stainless Steel		\$2,064
22007261	Pit Frame Kit - Dry or wet pit without cleaning recesses	KES	Stainless Steel		\$2,123

Additional K-line accessories are located on page FS-48



MultiRange KG

K-line

High Precision Platforms

KG 3000-6000 kg

APPLIED

Standard Features:

- MonoBloc Technology
- Measuring cell cable length 16 ft (5 m)
- IP67 protection

**Notes:**

- Platform price includes base only. Must add load plate

Ordering Information**KG Platforms**

Order Number	Overall Dimensions	Capacity/Readability	Base Construction*	Shipping Weight (lb)	Suggested List Price (CDN\$)
KG3000	79" x 59" (2000 x 1500 mm)	6000 lb/0.1 lb (3000 kg/50 g)	Black Powder Coat	1655 lb	Call
KG6000		12000 lb/0.2 lb (6000 kg/100 g)			Call
KG3000g	79" x 59" (2000 x 1500 mm)	6000 lb/0.1 lb (3000 kg/50 g)	Hot Dip Galvanized	1655 lb	Call
KG6000g		12000 lb/0.2 lb (6000 kg/100 g)			Call

*Note: KG Platforms do NOT include load plate; Must add load plate from following section

KG Load Plates

Order Number	Overall Dimensions	Applicable Platform	Load Plate Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
503623	79" x 59" (2000 x 1500 mm)	KG	Black Powder Coat	330 lb	Call
503624		KG	Hot Dip Galvanized		Call
503625		KG	Stainless Steel		Call

KG Pit Frame Kits

Order Number	Description	Applicable Platform	Pit Frame Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
504082	Pit Frame Kit - Dry pit	KG	Hot Dip Galvanized		Call
504083	Pit Frame Kit - Wet pit with cleaning recesses	KG	Hot Dip Galvanized		Call

Additional K-line accessories are located on page FS-48

Floor Scales

Floor Scale General Accessories

2158 Scale Guard Frame Protectors (for custom lengths [e.g. 32 in] round up to nearest foot to determine pricing.)

Scale Guard Frame Protectors act as a curb to furnish additional scale protection from forklift damage. The scale guards anchor to the floor with optional anchor bolts. Use 3 in for 2158 Vertex scale bases up to 10k, and 4 in for 20k.

Order Number	Protector Construction Material	Protector Length*	Protector Height	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-400013	Mild Steel	3 ft	3 in (500 - 10k)	40 lb	\$137
58-400023		4 ft		45 lb	\$137
58-400033		5 ft		50 lb	\$165
58-400043		6 ft		55 lb	\$201
58-400053		7 ft		60 lb	\$236
402-Custom		each additional ft		5 lb	\$51
58-400025		4 ft	4 in (20k)	45 lb	\$165
58-400035		5 ft		50 lb	\$201
58-400045		6 ft		55 lb	\$236
58-400055		7 ft		60 lb	\$306
402-Custom		each additional ft		5 lb	\$75
58-400113	Stainless Steel	3 ft	3 in (500 - 10k)	40 lb	\$301
58-400123		4 ft		45 lb	\$377
58-400133		5 ft		50 lb	\$457
58-400143		6 ft		55 lb	\$535
58-400153		7 ft		60 lb	\$619
402-Custom		each additional ft		5 lb	\$90
58-400715		4 ft	4 in (20k)	45 lb	\$401
58-400716		5 ft		50 lb	\$549
58-400717		6 ft		55 lb	\$644
58-400718		7 ft		60 lb	\$840
402-Custom		each additional ft		5 lb	\$178

2256 Scale Guard Frame Protectors (for custom lengths [e.g. 32 in] round up to nearest foot to determine pricing.)

Scale Guard Frame Protectors act as a curb to furnish additional scale protection from forklift damage. The 2256 scale guards act as a locator plate for the feet and anchor to the floor with optional anchor bolts.

Order Number	Protector Construction Material	Protector Length*	Protector Height	Shipping Weight (lb)	Suggested List Price (CDN\$)
564GDB0000	Mild Steel	3 ft	3.44 in	40 lb	\$137
564GDB0001		4 ft		45 lb	\$165
564GDB0002		5 ft		50 lb	\$201
402-Custom		each additional ft		5 lb	\$82
564GDJ0000	Stainless Steel	3 ft	3.44 in	45 lb	\$332
564GDJ0001		4 ft		50 lb	\$401
564GDJ0002		5 ft		55 lb	\$549
402-Custom		each additional ft		5 lb	\$113

2158 Vertex Side Rails

- Prevent totes and carts from falling off the scale
- Side Rails can also be added to ramps for same protection
- Pricing allows for budget calculation - EACH pricing (ONE side) is provided. Add more as required.

Order Number	Description	Side Rail Length	Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
Contact Customer Support for current Order Numbers	1 in Tube Side Rails or	3 ft	Mild Steel		\$297
		4 ft			\$396
	2 in High Angle Side Rails (Price is per side. May also be used to calculate ramp side rails)	5 ft			\$476
		3 ft	Stainless Steel		\$516
		4 ft			\$581
		5 ft			\$645

Floor Scale General Accessories

Polyurethane Cables - additional length integrated loadcell cable (price adder per load cell)

Order Number	Load Cell Capacity	Initial Cable length	Added Cable length	Total Cable Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
Custom - Order Numbers will be assigned after placement of order	250-5000 lb	15 ft	15 ft	30 ft		\$60
			30 ft	45 ft		\$119
			45 ft	60 ft		\$178
	30 ft	30 ft	15 ft	45 ft		\$119
			30 ft	60 ft		\$237

Teflon Cables - integrated loadcell cable - price adder per load cell (for 745A and RLC load cells only)

Order Number	Load Cell Capacity	Total Cable Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
Custom - Order Numbers will be assigned after placement of order	250-5000 lb	15 ft		\$203
		30 ft		\$404
		45 ft		\$607
		60 ft		\$808
	10k lb	30 ft		\$404
		45 ft		\$607
		60 ft		\$808

Home Run Cables - 6 conductors, single shield

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
510624370	Polyurethane jacketed 24 gauge home run cable - for runs 50 ft or less (per foot)		\$2.31
510620370	Polyurethane jacketed 20 gauge home run cable - for runs 300 ft or less (per foot)		\$3.41
MZ1203000027	Teflon jacketed 20 gauge home run cable - for runs 300 ft or less (per foot)		\$5.61

Standard Analog Junction Box*

- 304 Stainless steel construction
- TYPE 4X/IP65 protection
- Analog summing PCB with 4 trim potentiometers
- 1.88" x 6.25" x 12" overall dimensions (48mm x 159mm x 305mm)
- Plastic cord grips
- Plugs for unused connectors

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
61005973	6-Hole	2 lb	\$319
61038197	6-Hole, ATEX certified	2 lb	\$341
TA100831-SS	6-Hole, IP69k	2 lb	\$396
TA100831-SSA	6-Hole, ATEX certified, IP69k	2 lb	\$385

Large Analog Junction Box*

- 304 Stainless steel construction
- TYPE 4X/IP65 protection
- Analog summing PCB with 4 trim potentiometers
- 4.94" x 5.69" x 10.13" overall dimension (125 mm x 145 mm x 257 mm)
- Hub connectors for 1/2" conduit
- Plugs for unused connectors (14467600A)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
61005777	5-Hole	3 lb	\$374
61038201	5-Hole, ATEX certified	3 lb	\$396

Cable Splice Box*

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TB100448	Standard enclosure (8"L x 5"W x 1 7/8"D) with 3/8" cord grips	2 lb	\$220
TB100451	Large enclosure (8"L x 5"W x 4"D) with 1/2" conduit fittings	2 lb	\$286

Floor Scales

Floor Scale General Accessories

Options (scale base not included)

Order Number	Description	Suggested List Price (CDN\$)
58-460002 (NTEP)	Load Test Verification (2158 Vertex, 2256 VLC, 2888 Deckmate and PUA679) Scale is factory tested and certified for compliance with NIST Handbook 44, 5,000d or OIML 3000 division accuracy at ambient temperature. May be used in legal for trade applications. Factory conditions and test results are provided.	\$633
58-460003 (OIML)	Scale is factory tested and certified for compliance with NIST Handbook 44, 10,000d accuracy at ambient temperature. For high accuracy, non-legal for trade applications only. Test results are provided.	\$633
58-460001	High Accuracy Validation (2158 Vertex, 2256 VLC, and 2888 Deckmate and PUA679) Scale is factory tested and certified for compliance with NIST Handbook 44, 10,000d accuracy at ambient temperature. For high accuracy, non-legal for trade applications only. Test results are provided.	\$743

Hardware

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
58-040000	Floor Scale Installation Kit • 4-1/16" Stainless Steel corner shims • 2 Lifting Eye Bolts • 8-1/2" Floor Bolt Anchor Inserts	7 lb	\$71
58-010000	Lifting Eye Bolt (each), two required per standard scale platform	1 lb	\$9.74
58-020000	Lifting Eye Bolt plugs, mild steel	1 lb	\$7.08
58-021000	Lifting Eye Bolt plugs, stainless steel	1 lb	\$16
58-030025	Bulk Shim Kit (25-1/16" stainless steel corner shims)	19 lb	\$138
58-050025	Bulk Floor Anchor Kit (25-1/2" anchor inserts), eight required per standard scale platform	3 lb	\$50

Stop Bars (2888 Static/Portable, PUA679 - except 24"; Stop bars have brackets that clamp onto the top of the rails at the back of the scale)

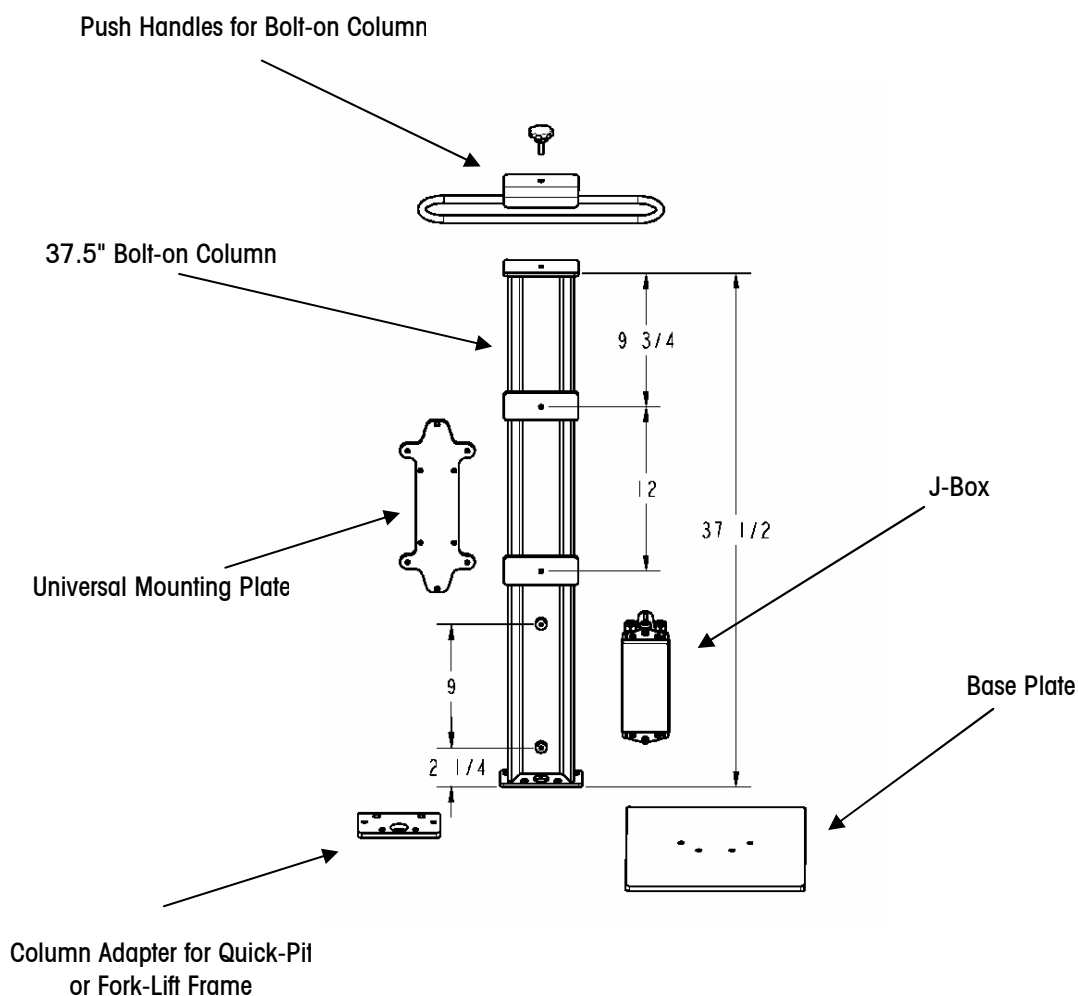
PUASBJ0000	Type 304 Stainless Steel	24" Width	Glass Bead Finish	40 lb	\$284
PUASBJ0001		30" Width		40 lb	\$284
PUASBJ0002		36" Width		40 lb	\$340
PUASBJ0003		42" Width		40 lb	\$398
PUASBK0000		24" Width	E-Polish Finish	40 lb	\$495
PUASBK0001		30" Width		40 lb	\$394
PUASBK0002		36" Width		40 lb	\$450
PUASBK0003		42" Width		40 lb	\$508

Floor Scale General Accessories

Columns, Floor Stands and Accessories

Order Number	Description	Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
ACFICB0000	37.5" Bolt-on Column	Mild Steel	125 lb	\$253
ACFICJ0000		Stainless Steel	125 lb	\$341
ACFCBB0000	Base Plate for Stand Alone Column (use ACFICB0000)	Mild Steel	25 lb	\$108
ACFCBJ0000	Base Plate for Stand Alone Column (use ACFICJ0000)	Stainless Steel	25 lb	\$267
ACFCBB0001	Column Adapter for Quick-Pit or Fork-Lift Frame (use ACFICB0000)	Mild Steel	125 lb	\$44
ACFCBJ0001	Column Adapter for Quick-Pit or Fork-Lift Frame (use ACFICJ0000)	Stainless Steel	125 lb	\$80
ACFCHB0000	Push Handles for Bolt-on Column	Mild Steel	25 lb	\$113
ACFCHJ0000		Stainless Steel	25 lb	\$126
ACFCSB0000	Universal Shelf Bracket	Mild Steel	25 lb	\$280
ACFCSJ0000		Stainless Steel	25 lb	\$563
ACFMPJ0000	Universal Mounting Plate	Stainless Steel	25 lb	\$97

Note: Refer to Instrumentation section for specific terminal brackets and wall mounts.

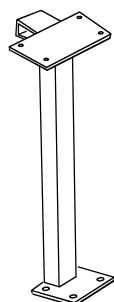


Floor Scales

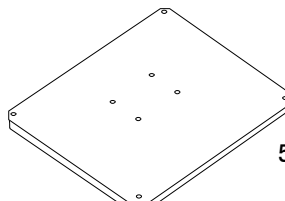
K-line General Accessories

Columns and Floor Stands

Order Number	Description	Construction	Shipping Weight (lb)	Suggested List Price (CDN\$)
 504131	ID terminal floor stand. 44" high	Black Powder Coat	40 lb	\$332
504132	ID terminal floor stand. 44" high	Stainless Steel	40 lb	\$708
503700	Free-standing base plate for ID terminal floor stand	Black Powder Coat	5 lb	\$202
503701	Free-standing base plate for ID terminal floor stand	Stainless Steel	5 lb	\$368



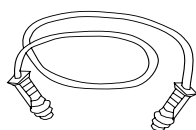
504131 or 504132
ID Terminal Floor Stand



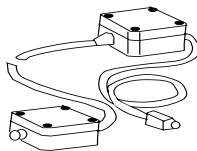
503700 or 503701
Stand Base

Cables and Miscellaneous Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
504134	Measuring cell extension cable. Interconnects with existing cable. Provides a 33 ft (10 m) extension		\$244
504133	Cable Adapter Kit. Needed for use with 504177, when it is necessary to extend the measuring cell cable beyond 33 ft (10m) maximum distance of extension 310 ft (94 m)		\$448
504177	IDNet Cable/Foot -- Maximum Distance = 310 ft (94 m). Intended for use with 504133 - cable adapter kit, when cable extension is required beyond 33 ft. For distances equal or less than 33 ft, use 504134 which is a complete cable.		\$3.30
 13864800A	IDNet Adapter Harness, Connection of K-Line, R/G/B's to JagXtreme when used with JagXtreme IDNet interface module		\$143



504134
Measuring Cell
Extension Cable



504133
Cable Adapter



504177
ID Net Cable/Foot

 Stocked to ensure 24 hour delivery on up to 10 identical units



BBA462SQC / BBK462SQC

4 Series SQC Compact Scale

APPLIED

Approvals:

- NTEP Class III, 6000d, COC #01-050A5
- Measurement Canada Approval #5615

Common Standard Features:

- Backlit active dot matrix display
- Die-cast aluminum housing
- Alphanumeric keypad

Analog Features:

- Certifiable to NTEP Class III up to 6,000d

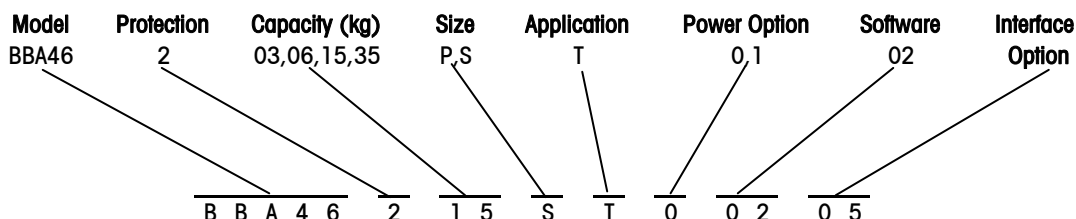
MonoBloc Features:

- Certifiable to NTEP Class II up to 35,000d
- 1 part in 3 million internal resolution

Options:

- Battery power pack
- Protective cover

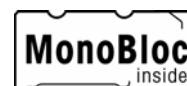
BBA462 / BBK462 Model Configuration



Ordering Information

4 Series SQC16 with Analog Load Cell

Order Number	Maximum Capacity (lb/kg)	Minimum Resolution (lb/kg)	Platform Size (in)	Pan Size (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBA46203PT00200	6 lb/3 kg	0.0005 lb/0.0002 kg	10.4" x 13.2"	7.9" x 9.5"	13 lb	\$3,585
BBA46206PT00200	12 lb/6 kg	0.001 lb/0.0005 kg	x 4.0"		13 lb	\$3,585
BBA46215ST00200	30 lb/15 kg	0.002 lb/0.001 kg	14.1" x 14.6"	9.5" x 13.8"	21 lb	\$3,706
BBA46235ST00200	70 lb/35 kg	0.005 lb/0.002 kg	x 4.5"		21 lb	\$3,706



4 Series SQC16 with MonoBloc Load Cell

Order Number	Maximum Capacity (lb/kg)	Minimum Resolution (lb/kg)	Platform Size (in)	Pan Size (in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
BBK46203PT00200	6 lb/3 kg	0.00002 lb/0.00001 kg	10.4" x 13.2"	6.5" x 6.5"	13 lb	\$4,548
BBK46206PT00200	12 lb/6 kg	0.00005 lb/0.00002 kg	x 4.0"	7.9" x 9.5"	13 lb	\$4,548
BBK46215ST00200	30 lb/15 kg	0.0001 lb/0.00005 kg	14.1" x 14.6"	9.5" x 13.8"	21 lb	\$4,908
BBK46235ST00200	70 lb/35 kg	0.0002 lb/0.0001 kg	x 4.5"		21 lb	\$5,386

Built to order product. Lead time is 3-4 weeks

Formulation and Net Weigh Control

BBA462SQC / BBK462SQC

Power Option			
Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	none		\$0
1	30 hour NiMH rechargeable battery pack	2 lb	\$330
Software Option			
02	SQC16		\$0
Second Interface Option (choose one only)			
00	none		\$0
05	Ethernet		\$440
PC Software			
Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
21901246	BR16 PC software for backup, restore and configuration		\$655
General Accessories			
Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22013140	30 hour NiMH rechargeable battery pack kit		\$330
22013141	External power supply 12V - 24V		\$53
229175	Antitheft device, metal rod lock		\$51
590101	Antitheft device, cable lock		\$53
21203207	Scale protective cover for small chassis		\$26
21203206	Scale protective cover for large chassis		\$28
09010310000	Soft sided carrying case for large chassis		\$112

4 Series SQC Accessories

4 Series Accessories

Order Number	For Model	Description	Suggested List Price (CDN\$)
22013140	All 4 Series	30 hour NiMH rechargeable battery pack kit	\$330
22013141		External power supply 12V - 24V	\$53
21901254	SQC16	BBA462 / BBK462 user's manual	\$28
21203207	Small Chassis	scale protective cover	\$26
21203206	Large Chassis	scale protective cover	\$28
09010310000		Soft sided carrying case	\$112
21203892	All 4 Series	Y-Cable for RS interface	\$90
21252588		Cable RS232 DB9f/DB9f twisted with 2 gender changer male/male 5ft - for Viper to Viper scale or Viper to Zebra printer	\$94
21302921		Cable RS232 DB9m/DB9m 3ft -for Viper to 8863, 8867	\$86
11101051		Cable RS232 DB9m/DB9f straight through 3ft - for Viper to computer	\$68
1438950TC	4 Series Remote Terminal	12" Stainless steel column kit WB, WH, CB, CBU	\$140
1449210TC		19.5' Stainless steel column kit WB, WH, CB, CBU	\$184
1438940TC		40" Stainless steel column kit only for 24"x24" CB and CBU	\$310
22010056		Column mount bracket that fits onto 1438950TC, 1449210TC, 1438940TC	\$128
22010045		Wall mount bracket (fits also the floor scale columns)	\$128
21255045		Terminal protective cover	\$18
ACFCSJ0000	All 4 Series	Shelf for two scale application with Masstron column	\$563
22009327	Zebra Printer (Smart + only)	Label printer Zebra LP2844 large	\$759
22009328		Label printer Zebra LP2824 small	\$616
22009329		1 roll of labels for 2844 (4"x4") - 350 labels per roll	\$14
22009330		1 roll of labels for 2824 (2"x4") - 350 labels per roll	\$11
21900881	LC-I/O	Barcode reader with PS2-Y cable connection	\$750
LC-I/O		Relay output box; 8 in/8 out (CSA approved)	\$1,289
		12VDC, 350 mA power supply not included	
		DB9 M-F straight thru RS232 cable required	

FreeWeigh.Net Compact Single Station Net Weight Control System



CONSULTATIVE

FreeWeigh.Net Compact License Bundle Includes:

- Compact Base License
 - MSDE SQL Database
 - Catalogs for Products
 - Test Items
 - Machines and Users
 - On-Line Monitoring for Variable Test Results
 - Alarms and Activities
- Report Generator with Extensive Standard and User Configurable Reports and Export Capability.
- One Test Place Module for Customer Supplied PC or ID30
- One Device License for Local or Remote Scale or Balance

Fully upgradeable to integrated FreeWeigh.Net full version (upgrade charges apply)

A System Support Agreement (SSA) must accompany each Compact system order

All FreeWeigh.Net Compact systems must be configured and priced by the CSS Group

Ordering Information

FreeWeigh.Net Compact

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
FWC21900954	FWN Compact Base System License		\$4,285
à la Carte Options (select and add to base license as required)			
FWC21900901	Batch Handling		\$996
FWC21900902	Attributes and Testplans		\$3,240
FWC21900903	Adjustments		\$743
FWC21901132	Time Controlled Sampling Module		\$1,568
FWC21900905	Device Integration		\$1,991
FWC21900930	Free Reports		\$1,991
FWC21900931	SPC		\$1,568
FWC21900936	Audit Trail/21 CFR Part 11		\$6,243
FWC21900937	Validation Manual 1		\$2,976
FWC21900938	Validation Manual 2		\$4,164
FWC21900950	AT4 Module		\$2,739
FWC21900951	AT4 Device License		\$2,382
FWC21901126	Errors and Intervention		\$2,382

System Support Agreement

FRW-SSA1	SSA rate calculated based upon final system configuration	Call CSS
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Professional Services

StartUp-CSS-IP	Start-Up Professional Services (Per Day)	\$2,514
Training-CSS-IP	Training Professional Services (Per Day)	\$2,514

The startup and training time required will depend upon final system configuration. Consult with your CSS specialist.

A process analysis is not required with FWN Compact. Tier One distributor discounts apply.

Note: FreeWeigh.Net software modules not listed above are not available with Compact.



FreeWeigh.Net

Net Weight Control System Software

CONSULTATIVE

Ordering Information

FreeWeigh.Net Software - FWN Base License - One required for each system.

Order Number	Description	Upgrade Points	Shipping Weight (lb)	Suggested List Price (CDN\$)
21900895	FWN Base License	20		\$6,116
Client Licenses				
21901131	Client (Monitoring) 1 User	4		\$1,568
21900896	Client (Monitoring) 5 Users	20		\$6,116
21900899	Client (Test Place) per station	2		\$748
21900900	Client (Device) per balance, caliper, etc.	2		\$748
System Licenses				
21900901	Batch Handling	3		\$996
21900902	Attributes&Test Plans	10		\$3,240
21900903	Adjustment Algorithms	2		\$748
21900904	Garvens Checkweigher	9		\$2,739
21900905	Device Integration	6		\$1,991
21901125	Metal Detector (Release ver 4.2)	9		\$2,739
21900930	Free Reports	6		\$1,991
21900931	Time Controlled Sampling module	4		\$1,568
21900932	Data I/O	20		\$6,116
21900936	Audit Trail 21CFR Part 11	17		\$6,248
21901126	Error and Intervention	9		\$2,382
21901128	Process Monitoring	4		\$1,568
21900950	AT4 Basic License (system license)	9		\$2,739
21900951	AT4 Device License (per device)	8		\$2,382
21901132	Time Controlled Sampling module	4		\$1,568
21901133	Digital I/O module	8		\$2,382
21901134	Digital I/O Device License (1 per Wago Controller or ID30 w/ Digital I/O)	3		\$1,056
21901127	Release Criteria Module (requires Batch Handling module)	8		\$1,568
21901129	Multihead Statistics Module (monitor/track filling heads and nozzles)	3		\$2,382
Upgrades				
21901130	Upgrade Per Point v 3 to v 4	*		\$55
21900906	Upgrade Base License v 1 to v 3			\$1,727
21900906	Upgrade 5 Client v 1 to v 3			\$1,727
21900907	Upgrade 25 Client v 1 to v 3			\$8,921
21900955	FreeWeigh.Net Compact Upgrade			\$3,570
Other software				
21901031	Remote XP Software			\$1,491
21900912	Demo Kit			\$319
Validation manuals				
21900937	Validation Manual 1 Description of FreeWeigh.Net quality management system			\$2,976
21900938	Validation Manual 2 Step-by-step guide for the validation phases IQ, OQ, PQ and			\$4,164

*Upgrade Points Apply to Version 3.x to Version 4.x Upgrades Only

(When ordering an upgrade, please order article Number 21901130 as many times as the sum of all upgrade points for the system.)

IND469rem

FreeWeigh.Net Remote Terminal



CONSULTATIVE

Features:

- Designed for connection to FreeWeigh.Net networked environment where wash down requirements must be met.
- The flat surface and waterproof stainless steel enclosure allow for simple and thorough cleaning in line with EHEDG and NSF guidelines for use in hygienically sensitive

Ordering Information

IND469rem Remote Terminal

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
21901338	RT/Analog, 1x Analog Platform, 1x RS232, 1x Ethernet, 1x PS2		\$2,453
21901339	RT/IDNet, 1x IDNet Platform, 1x RS232, 1x Ethernet, 1x PS2		\$2,453
Options			
22015346	WLAN Interface, 1x RS232, 1x WLAN, 1x PS2		\$1,062
22013957	Internal Rechargeable Battery, includes charger		\$512
22013958	External Power Supply, includes 5M plug-in cable w/ open end		\$165
Accessories			
505471	GA46 Thermal Printer, 2.5 m cable, with RS232 interface		\$1,875
507229	GA46 Thermal Printer, 0.4 m cable, with RS232 interface		\$1,875
505799	GA46/W Thermal Printer, 2.5 m cable, protective casing and rewinder, RS232 interface		\$2,543
507230	GA46/W Thermal Printer, 0.4 m cable, protective casing and rewinder, RS232 interface		\$2,543
21901302	Dragon D131 Barcode Reader, industrial model IP64 (without cable)		\$1,755
22013964	Stand IND4x9, 330 mm height (for platform PBA430)		\$343
22013965	Stand IND4x9, 660 mm height (for platform PBA430)		\$458
22014836	Stand IND4x9, 330 mm height (for KA, KB, MA, MB and DB platforms)		\$237
22014834	Floor Stand, 1000 mm height		\$566
22011982	Feet for floor stand		\$504
22013966	Wall Bracket IND4x9, tilting		\$105
22014833	Wall Bracket IND4x9, tilting and rotating		\$125



FormWeigh.Net

Formulation Control System Software

CONSULTATIVE

Configuring a FormWeigh.Net System

1. Base License

- Formulation control base-module (software-module retainer, data management, configuration)
- One per system is required. Includes MSDE SQL Database

2. Select System Licenses

- Provide Specific Software Functions (order once per system)

3. Select Master Station Licenses

- License for Each Concurrent User of Specified Module

4. Select Work Station Licenses

- License for Each Work Station of the Specified Function

5. Select Integration Licenses

- License for Specified ERP Interface
- License for Each Connected Work Station

6. Select Required Hardware

- ID30 Terminals or Customer PC's

7. Select Required Services

Ordering Information

FormWeigh.Net Software - Base License

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
21901145	FoWN Base License		\$7,018
System Licenses			
21901146	Batch Control		\$4,279
21901147	21 CFR Part 11		\$8,322
21901148	Active Substances		\$3,328
21901150	Stock		\$3,328
Master Station Licenses			
21901153	Master Data Management		\$3,328
21901154	Goods Entry (with Stock module only)		\$1,903
21901155	Picking (with Stock module only)		\$1,903
21901156	Shipment (with Stock module only)		\$1,903
21901157	Change order tool		\$5,346
Work Station Licences			
21901158	Dispensing		\$7,728
21901159	Production		\$4,989
21901167	Combination dispensing/production		\$8,322
Integration Licenses (includes stock data download)			
21901162	ERP Gateway / SAP		\$16,649
21901164	ERP Gateway / DB		\$11,534
21901165	ERP Gateway / ASCII		\$9,510
21901163	ERP Gateway per weighing station		\$2,794
Other Software			
21901252	Demo kit		\$303
Validation Manuals			
21901220	Validation Manual 1 Description of quality management system applied for the development of FormWeigh.Net (Supplier Audit). A CD with SOP and project documentation templates is included.	N/A	\$2,976
21901222	Validation Manual 2 Step-by-step guide for the validation phases IQ, OQ, PQ and	N/A	\$4,164

FormWeigh.Net Compact

Single Station Formulation Control System



CONSULTATIVE

FormWeigh.Net Compact System bundle includes:

Base License

- Formulation control base-module (software-module retainer, data management, configuration)
- One per system. Includes MSDE SQL Database

Workstation License

- Single license for Dispensing & Production

Optional System Licenses are available as add ons to the base system - see below

A System Support Agreement (SSA) must accompany each Compact system order

All FormWeigh.Net Compact systems must be configured and priced by the CSS Group

Ordering Information

FormWeigh.Net Compact Software - Base License

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
21901285	FoWN Base System License and Workstation License for Dispensing and Production		\$10,703

Optional System Licenses (one per system)

21901146	Batch Control		\$4,279
21901147	21 CFR Part 11		\$8,322
21901148	Active Substances		\$3,328
21901150	Stock		\$3,328
21901160	Dosing		\$2,030

System Support Agreement

FOW-SSSA1	SSA rate calculated based upon final system configuration		Call CSS
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Professional Services

StartUp-CSS-IP	Start-Up Professional Services (Per Day)		\$2,514
Training-CSS-IP	Training Professional Services (Per Day)		\$2,514

NOTE: A minimum of three (3) days professional services are required to commission a FoWN Compact System.

If optional system licenses are added or an ID30 is included, more time could be required. Consult with your CSS specialist.

A process analysis is not required with FoWN Compact. Tier One distributor discounts apply.

Note: FormWeigh.Net software modules not listed above are not available with Compact.

FreeWeigh.Net and FormWeigh.Net

Hardware and Services

CONSULTATIVE

Ordering Information

ID30 Elo

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22011689	ID30 Terminal – FreeWeigh.Net Configuration (requires ID30 HMI) - ID30 Elo-Box, IP67, Stainless Steel 100-240V Power Supply - Low Power Intel Celeron P3T, 733 MHz, 512 MB - Windows XP Professional, Multi-language (SP2) - LVDS for HMI-Box (3) RS232 - PC - Ethernet - IDNet/DigiNet		\$4,549
22011649	ID30 Terminal – FormWeigh.Net Configuration (requires ID30 HMI) - ID30 Elo-Box, IP67, Stainless Steel 100-240V Power Supply - Low Power Intel Celeron P3T, 733 MHz, 512 MB - Windows XP Professional, Multi-language (SP2) - LVDS for HMI-Box (3) RS232 - PC - Ethernet (3) IDNet/DigiNet		\$5,423

ID30 HMI

22007174	12.1" Color-TFT 800x600 (no touchscreen)	\$2,167
22007172	12.1" Color-TFT 800x600 (with touchscreen)	\$3,031
22005580	12.1" Color-TFT 1024x768 (no touchscreen)	\$3,295
22005581	12.1" Color-TFT 1024x768 (with touchscreen)	\$4,081
22015237	17" Color-TFT 1280x1024 (with touchscreen), Power Supply 100 - 240 V AC, 50/60 Hz	\$5,137

FreeWeigh.Net Remote Balances

21901200	BBA462rem-3PT (Cap 3kg / NARes 0.0002kg / ARes 0.0005kg)	\$4,246
21901201	BBA462rem-6PT (Cap 6kg / NARes 0.0005kg / ARes 0.001kg)	\$4,246
21901202	BBA462rem-15ST (Cap 15kg / NARes 0.001kg / ARes 0.002kg)	\$4,384
21901203	BBA462rem-35ST (Cap 35kg / NARes 0.002kg / ARes 0.005kg)	\$4,384
21901205	BBK462rem-3PT (Cap 3kg / NARes 0.00001kg / ARes 0.0001kg)	\$5,308
21901206	BBK462rem-6PT (Cap 6kg / NARes 0.00002kg / ARes 0.0002kg)	\$5,308
21901207	BBK462rem-15ST (Cap 15kg / NARes 0.00005kg / ARes 0.0005kg)	\$6,001
21901208	BBK462rem-35ST (Cap 35kg / NARes 0.0001kg / ARes 0.001kg)	\$6,644

Wash Down Weighing Terminals

21901338	IND469rem - Analog (Stainless Steel Washdown)	\$2,453
21901339	IND469rem - IDNet (Stainless Steel Washdown)	\$2,453

Formulation and Net Weigh Control

FreeWeigh.Net and FormWeigh.Net

Hardware accessories		
11120001	e-Link Ethernet Adapter	\$1,042
11120003	e-Link IP65	\$1,291
505471	GA46 Printer with paper	\$1,875
101401	Barcode Scanner – Harsh Environment Water Resistant w/ 25ft. coil cable	\$963
PSRF1000-02	Wireless Barcode Scanner – Harsh Environment Water Resistant	\$1,408
503756	8-pin Serial Connector for COM Port	\$66
22011648	ID30 wireless Ethernet adapter	\$622
208152	ID30 Ethernet Cable 20m	\$429
205247	ID30 Ethernet Cable 5m	\$176
22015238	Substitute 2.5m VGA/USB cable for 17" HMI Box 6 (replaces 1.5m supplied standard with 22015237)	\$88
22015239	Substitute 5.0m VGA/USB cable for 17" HMI Box 6 (replaces 1.5m supplied standard with 22015237)	\$121
22007731	Swivel Wall Bracket	\$160
22015247	Swivel Wall Bracket for 17" HMI Box-6	\$490
22007729	Wall Bracket for ELO	\$121
22006268	USB Adapter Cable 0.2m	\$72
504241	Terminating connector for IDNet	\$132

Services		
Order Number	Description	Shipping Weight (lb) Suggested List Price (CDN\$)
PA-CSS-IP	Process Analysis and Specification	\$5,940
PA-CSS-SAP	SAP Process Analysis and Specification	\$10,395
StartUp-CSS-IP	Start-Up (Per Day)	\$2,514
Install-I-IP	Local Service Support (Per Day)	\$1,436
Training-CSS-IP	Training (Per Day)	\$2,514
PM-CSS-IP	CSS Project Management Services (Per Day)	\$1,716
Val-CSS-IP	Validation (Per Day)	\$3,421
21901220	Validation Manual 1	\$2,976
21901222	Validation Manual 2	\$4,164
FoW-SSSA1	FormWeigh.Net Standard System Support (Annual)	Call CSS
FoW-7SSA1	FormWeigh.Net 24/7 System Support (Annual)	Call CSS
FRW-SSSA1	FreeWeigh.Net Standard System Support (Annual)	Call CSS
FRW-7SSA1	FreeWeigh.Net 24/7 System Support (Annual)	Call CSS
21901342	WAGO 750-841 Ethernet TCP/IP Controller	\$1,232
21901343	WAGO 750-600 End Module	\$28
21901344	WAGO 787-612 Power Supply Unit 2.5A	\$187
21901345	WAGO 750-530 8-Channel Digital Output module	\$121
21901346	WAGO 750-517 2-Channel Relay Output module	\$105
21901347	WAGO 750-402 4-Channel Digital Input module	\$72
21901348	WAGO 210-112 Steel Carrier Rail DIN35	\$22
21901349	WAGO 249-117 Screwless End Stop	\$6
21901350	WAGO 750-920 RS232 Communication Cable	\$105
21901351	WAGO 850-804 IP65 Stainless steel enclosure 400mm	\$781



ID30 Terminal

PC Application Terminal

CONSULTATIVE

Note: For a complete system - HMI-Box, Elobox, and Operating System must be ordered!

Ordering Information

ID30 HMI-Box

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22007174	ID30-HMI-Box-2 ID30 Human Machine Interface Box • 12.1" Color-TFT 800*6000 • No touch screen • All chrome-nickel steel, IP69K	• Foil keypad • Connector for Elobox (LVDS) • Elobox/HMI-Box connection cable 1.5 m • 2 Connectors for USB • Table stand	\$2,167
22007172	ID30-HMI-Box-3 ID30 Human Machine Interface Box • 12.1" Color-TFT 800*600 • Touch screen • All chrome-nickel steel, IP69K	• Foil keypad • Connector for Elobox (LVDS) • Elobox/HMI-Box connection cable 1.5 m • 2 Connectors for USB • Table stand	\$3,031
22005580	ID30-HMI-Box-4 ID30 Human Machine Interface Box • 12.1" Color-TFT 1024*768 • No touch screen • All chrome-nickel steel, IP69K	• Foil keypad • Connector for Elobox (LVDS) • Elobox/HMI-Box connection cable 1.5 m • 2 Connectors for USB • Table stand	\$3,295
22005581	ID30-HMI-Box-5 ID30 Human Machine Interface Box • 12.1" Color-TFT 1024*768 • Touch screen • All chrome-nickel steel, IP69K	• Connector for Elobox (LVDS) • Elobox/HMI-Box connection cable 1.5 m • 2 Connectors for USB • Table stand	\$4,081
22015237	ID30-HMI-Box-6 ID30 Human Machine Interface Box • 17" Color-TFT 1280*1024 • Touch screen • All chrome-nickel steel, IP69K	• Foil keypad • Elobox or Standard PC/HMI-Box 6 - VGA/USB connection cable 1.5 m • 2 Connectors for USB, Internal Power Supply (100 - 240 V AC, 50/60 Hz)	\$5,137

ID30 Elo-Box

22007173	ID30 Elo-Box • IP69k, Stainless Steel • 100-240V Power Supply • EXT-Board: Mobile Pentium-III, 400 MHz, 256 MB	\$3,031
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Cables - Elobox/HMI-Box connection cables

22007700	HMI-cable, 2.5 m	\$72
22007701	HMI-cable, 5.0 m	\$99
22015238	Substitute 2.5m VGA/USB cable for 17" HMI Box 6 (replaces 1.5m supplied standard with 22015237)	\$88
22015239	Substitute 5.0m VGA/USB cable for 17" HMI Box 6 (replaces 1.5m supplied standard with 22015237)	\$121
22008159	3.0m VGA/USB Y cable for connecting 17" HMI Box 6 to a standard PC	\$308

Formulation and Net Weigh Control

ID30 Terminal

CP CPU-Boards (instead of Mobile Pentium-III, 400 MHz)		Shipping Weight (lb)	Suggested List Price (CDNS\$)
Order Number	Description		
22015414	ETX-P3T-733 - ETX-Board: Low Power Intel Celeron, 733 MHz		\$671
22017706	ETX-PM1400 - ETX-Board: Intel Pentium-M, 1.4GHz		\$1,606
Memory			
22015416	RAM Extension to 512MB (ETX-P3T-733MHz only)		\$330
22017708	RAM Extension to 512MB (ETX-PM-1.4GHz only)		\$198
22017709	RAM Extension to 1024MB (ETX-PM-1.4GHz only)		\$292
Operating System			
22008151	Win XP - Microsoft Windows XP Professional German		\$0
22008152	Win XP - Microsoft Windows XP Professional English		\$0
22008153	Win XP - Microsoft Windows XP Professional French		\$0
22008154	Win XP - Microsoft Windows XP Professional Dutch		\$0
22008155	Win XP - Microsoft Windows XP Professional Italian		\$0
22008156	Win XP - Microsoft Windows XP Professional Spanish		\$0
22008161	Win 2000 - Microsoft Windows 2000 Professional German		\$253
22008162	Win 2000 - Microsoft Windows 2000 Professional English		\$253
22008163	Win 2000 - Microsoft Windows 2000 Professional French		\$253
22008164	Win 2000 - Microsoft Windows 2000 Professional Dutch		\$253
22008165	Win 2000 - Microsoft Windows 2000 Professional Italian		\$253
22008166	Win 2000 - Microsoft Windows 2000 Professional Spanish		\$253
Display Interface			
22007706	VGA-ID30 - VGA Interface for connecting additional monitor		\$226
Serial Data Interfaces			
22007709	CL20mA-ID30 - 'CL20mA Interface		\$226
22007710	RS232-ID30 - 'RS232 Interface		\$226
22007711	RS422/485-ID30 - 'RS422/485 Interface, optoisolated		\$226
22007712	USB-ID30 - USB Interface		\$226
Parallel Data Interfaces			
22007714	Centronics-ID30 - Centronics Interface		\$226
Network Interfaces			
22007715	Ethernet-ID30 - Ethernet - 10/100 Base T - Twisted pair (PC)		\$226
22011648	ID30 wireless Ethernet adapter		\$622
Others			
22007721	Extension Card for using additional PCI-Card		\$226
Scale Interfaces (maximum 3)			
22007707	IDNet/DigiNet-ID30 - Connection for 1 IDNet or DigiNet scale (ID)		\$226
22007708	AnalogScale-ID30 - Connection for 1 analog scale, max. 2 possible (ID)		\$435
Serial Data Interfaces			
22007725	CL20mA-ID30 - CL20mA Interface		\$226
22007726	RS232-ID30 - RS232 Interface		\$226
22007727	RS422/485-ID30 - RS422/485 Interface, optoisolated		\$226
Network Interfaces			
22007716	Profibus-DP-ID30 - Profibus-DP Modul (ID and PC)		\$996

ID30 Terminal

Digital Input/Output Interfaces

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22007717	4 Input / 4 Output Interface (ID)		\$226

Analog Output Interface

22007720	Analog output (0-10V, 0-20mA or 4-20mA) (ID)		\$319
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CPU-Boards *

22009861	ETX-P3T-733: Low Power Intel Celeron, 733MHz		\$1,947
22017715	ETX Board Pentium-M1.4Ghz		\$2,745

Memory *

22015245	RAM 512MB (for P3T-733 Only)		\$457
22017719	RAM 1GB (for ETX-Pentium-M1.4GHz)		\$402

Field Upgrade Kits*

22018907	Baseboard, ETX-BoardPentium-M600 MHz, Heat Sink, 1GBRAM		\$1,991
22018908	Baseboard, ETX-BoardPentium-M800 MHz, Heat Sink, 1GBRAM		\$2,717
22018909	Baseboard, ETX-BoardPentium-M1.4 GHz, Heat Sink, Fan-Set, 1GBRAM		\$3,438

Display Interface *

22007642	VGA Interface for connecting additional monito		\$154
208483	VGA-cable, 3 m, 9 pin D-Sub		\$303
506797	VGA-cable, 3 m, 15 pin D-Sub		\$363

Serial Data Interfaces *

22007635	CL20mA Interface		\$292
503749	CL-cable, 3 m		\$121
503745	Counter plug, 7pin		\$72
22007633	RS232 Interface		\$160
503754	RS232-cable/DTE, 3m		\$160
503755	RS232-cable/DCE, 3m		\$110
504374	RS232-cable/PC, 3m		\$110
504376	RS232-cable/9 pin, 3m		\$110
503756	Counter plug, 8 pin		\$66
22007634	RS422/485 Interface, optoisolated		\$171
204933	RS422/485-cable, 3m , 6pin, open end		\$165
204847	10 m extension for RS422/485		Call CSS
204866	Counter plug, 6 pin		\$72
22007641	USB Interface		\$292
22006268	USB adapter cable, 0.2m		\$72
22007713	USB adapter cable, 3m		\$94

Parallel Data Interfaces *

22007637	Centronics Interface		\$292
22002886	Centronics cable, 3m, 36 pin Centronics		\$253
205682	Centronics cable, 3m, 25 pin D-SUB		\$253

Network Interfaces *

22007640	Ethernet - 10/100 Base T - Twisted pair (PC)		\$182
205247	Twisted Pair Cable 5 m, 8 pin RJ45		\$176
208152	Twisted Pair Cable 20 m, 8 pin RJ45		\$429
22007639	Profibus-DP Module (ID and PC)		\$842

* Not Factory Installed

Formulation and Net Weigh Control

ID30 Terminal

Scale Interfaces *			
Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22007632	Connection for 1 IDNet or DigiNet scale (ID)		\$451
504134	Extension cable 10 m		\$244
504133	Cable adapter kit		\$448
22007631	Connection for 1 analog scale, max. 2 possible (ID)		\$671
Digital Input/Output Interfaces *			
22007638	4 Input / 4 Output Interface (ID)		\$270
22007718	Relaisbox for 4-I/O-ID30		\$347
504458	Cable for 4 I/O to Relaisbox 4-ID30, 10 m		\$176
504461	Counter plug, 19 pin for Relaisbox 4-ID30		\$66
22007719	8 Input / 8 Output with Relais conn. to RS485-ID30		\$682
204933	RS422/485-cable, 3m , 6pin, open end		\$165
204847	10 m extension for RS422/485		Call CSS
505544	240V to 24V DC Power supply unit for Relaisbox 8-ID30		\$340
22003712	110V to 24V DC Power supply unit for Relaisbox 8-ID30		\$313
Analog Output Interface *			
22007636	Analog output (0-10V, 0-20mA or 4-20mA) (ID)		\$0
204930	D/A-cable, 3m, open end		\$121
205538	Counter plug, 5 pin for AnalogOut-ID30		\$72
Printer			
505471	GA46 Thermal Printer, 2.5 m cable, with RS232 interface		\$1,875
507229	GA46 Thermal Printer, 0.4 m cable, with RS232 interface		\$1,875
505799	GA46/W Thermal Printer, 2.5 m cable, protective casing and rewinder, RS232 interface		\$2,543
507230	GA46/W Thermal Printer, 0.4 m cable, protective casing and rewinder, RS232 interface		\$2,543
22007722	ID30 to GA46 adapter		\$226
507224	In use cover for GA46		\$110
Other Accessories			
22007630	Extension Card for using additional PCI-Card		\$358
22007731	Wall swivelling head for HMI-Box		\$160
22015247	Wall swivelling head for 17" HMI-Box 6		\$490
22007729	Wall bracket for Elobox		\$121
22007723	Floor stand		\$435
22007730	Stand base		\$231
22007724	Panel-Mount-Kit for HMI-Box		\$275
22007734	Console for any alpha keyboard (chrome-nickel steel)		\$226
22006261	HMI-cable, 1.5 m		\$121
22006262	HMI-cable, 2.5 m		\$187
22006263	HMI-cable, 5 m		\$226
22015248	1.5m VGA/USB cable for 17" HMI Box 6		\$231
22015249	2.5m VGA/USB cable for 17" HMI Box 6		\$275
22015250	5.0m VGA/USB cable for 17" HMI Box 6		\$330
22008159	3.0m VGA/USB Y cable for connecting 17" HMI Box 6 to a standard PC		\$308

* Not Factory Installed



FormXP-690

Weighing Terminal for Formulation

IND690 Desk/Wall & Panel

APPLIED

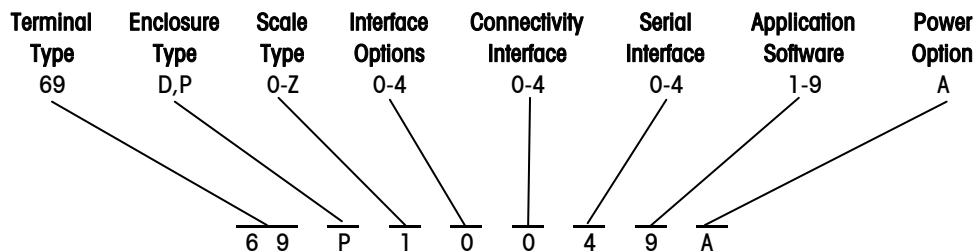
Approvals:

- NTEP Class III, 10,000d, Class II 100,000d COC #06-051
- Measurement Canada Approval: Class II, 100,000d, Class III / IIHD 10,000; #AM-5641

FormXP-690 Features:

- IP69k Desk/Wall or Panel enclosure
- Up to 4 scales - analog (4-350Ω), IDNET or SICS
- Filling: dispense each material in up to 6 steps.
- Target Weighing: adjust a stored target before the formula star
- Rescaling: if a material is dispensed over tolerance, recalculate the amount for the remaining materials.
- Automatic tare capability at start of dispensing process for 1st
- 150 Formulas with a max of 100 materials each
- 500 stored Raw materials
- Up to 100 Batches
- 200 stored Messages
- Totalizing capabilities

IND690 Model Configuration



Ordering Information **Maximum of 8 selectable Slots per IND690**

IND690 Enclosure Type (select one)

Order Number	Description	Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
69D	Desk	-		\$1,786
69P	Panel	-		\$1,729

IND690 Scale Option Code (select one)

Z	none	none	none	0	\$0
C	1-Analog Scale	none	none	1	\$440
D	2-Analog Scales	none	none	2	\$880
E	3-Analog Scales	none	none	3	\$1,320
7	4-Analog Scales	none	none	4	\$1,760
0	none	1-IDNet Scale	none	1	\$440
1	1-Analog Scale	1-IDNet Scale	none	2	\$880
2	2-Analog Scales	1-IDNet Scale	none	3	\$1,320
3	3-Analog Scales	1-IDNet Scale	none	4	\$1,760
4	none	2-IDNet Scales	none	2	\$880
K	1-Analog Scale	2-IDNet Scales	none	3	\$1,320
S	1-Analog Scale	3-IDNet Scales	none	4	\$1,760
P	none	2-IDNet Scales	1-SICS Scale	3	\$1,320
5	none	3-IDNet Scales	none	3	\$1,320
6	none	4-IDNet Scales	none	4	\$1,760
F	none	none	1-SICS Scale	1	\$440

Formulation and Net Weigh Control

FormXP-690

IND690 Scale Option Code - continued (select one)

Order Number	Description	Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
N	1-Analog Scale	2		\$880
8	none	2		\$880
G	none	2		\$880
A	none	3		\$1,320
9	1-Analog Scale	4		\$1,760
H	none	3		\$1,320
M	1-Analog Scale	4		\$1,760
B	none	4		\$1,760
J	none	4		\$1,760

IND690 Interface Option (select one)

0	None	0		\$0
1	4 I/O	1		\$220
2	Analog Out	1		\$550
3	Profibus DP	2		\$704
4	Profibus DP plus 4 I/O	3		\$924

IND690 Connectivity Interface (select one)

0	None	0		\$0
1	USB	1		\$220
2	Bluetooth	1		\$660
3	Wireless LAN	1		\$743
4	Ethernet	1		\$710

IND690 Serial Interface (select one)

0	1- RS232	1		\$0
1	2- RS232	2		\$220
4	3- RS232	3		\$440
5	4- RS232	4		\$660
2	1- RS485/422, 1- RS232	2		\$220
3	CL20mA, 1- RS232	2		\$220
6	CL20mA, 2- RS232	3		\$440

IND690 Application (select one)

1	Base-690	Stored tare, target, template memories	-	\$132
2	Count-690	Piece counting and piece filling; APW memory; Refill correction	-	\$330
3	Form-690	Manual formulation up to 15 materials; no stored formulas	-	\$385
4	Com-690	Provides remote control of IND690 from a PC; use with	-	\$440
5	Sum-690	Totalize the usage of individual or all materials processed	-	\$330
6	Fill-690	Auto control filling sequences : fill, lance fill, bung hole fill	-	\$605
7	Control-690	Auto or manual control basic weighing, checkweighing,	-	\$660
8	Batch-690 **	Auto or manual control of batching sequences : fill, batch, dose	-	\$715
9	FormXP-690	Manual formulation; Stored formulas, inventory control, software	-	\$1,045

** Order RS485 Interface Module, (2) 8 I/O Relay Modules 22011968, (1) Power Supply 22003712

IND690 Power Option (select one)

A	USA	-		\$0
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IND690 Documentation

22012813	Service/Technical Manual (English)		\$8.25
22012803	Installation Manual (English)		\$11.55
IN03448.0E	Literature		\$0.00
22012808	Users Guide		\$14.85
22012851	FormXP Operating Instructions		\$8.25

Note: Refer to Instrumentation section for a complete offering of IND690 accessories.



IND226x



IND226x

Intrinsically Safe Weighing Terminal

CONSULTATIVE

Approvals:

- NTEP Class III/IIIL 10,000d
- Measurement Canada Approval #AM-5646
- FM/cFM: Class I, II, III; Division 1; Group A, B, C, D, E, F, G; T4 Ta = 40°C
- ATEX: II 2 G Ex ib IIC T4 (Gas); II 2 D Ex tD A21 IP66 T 60°C (Dust)

Standard Features:

- Bright green, 6-digit, 1.2" LED weight display
- Supports four analog 350Ω load cells (5VDC excitation)
- One-touch keys for clear, tare, print, zero, and function
- Harsh stainless steel, IP66 enclosure

Software Application Modes:

- Basic Weighing
- Over/Under checkweighing software built-in
- Manual filling
- Intrinsically safe RS232

Special Features

- MinWeigh® warning function
- CalFREE™ calibration without testing
- Over/Under mode
- Battery saving sleep mode/standby function
- Remote display function
- Remote terminal
- 1 standard input for Clear, Tare, Print, Zero
- 3 point linearity adjustment

Ordering Information**IND226x Intrinsically Safe Weighing Terminal**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
72210052	IND226x (Order power supply or battery separately)		\$1,111
64062682	IND226x with Interface-IND Installed		\$1,257
64062683	IND226x with Interface-Remote		\$1,324

IND226x Interface Options

72204204	Interface - IND Option Kit for connection to ACM200 or Remote Option Kit	\$143
72207583	Interface - Remote Option Kit to use IND226x as secondary display in hazardous area	\$209

IND226x Power Supply Options (Ordered separately. Not included in model configuration of IND226x)

64056319	APS500 (External Ex 120V Power Supply - 3 m blue cable included)	Call
64058025	APS501 (External Ex 240V Power Supply - 3 m blue cable included)	Call
64056504	APS500/501 bulk blue cable, per foot (requires Junction Box below)	\$1.40
TB100448	Junction Box for APS500/501 blue cable extension	\$220
21203960	PSUx (120V Power Supply)	\$1,207
21203959	PSUx (230V Power Supply)	\$1,207
64060627	External NiMH Ex Battery (Includes cable)	\$770
64060625	External NiMH Ex Battery (Spare - no cable)	\$743
64060217	Safe Area Battery Charger (US Plug)	\$330
64060490	Safe Area Battery Charger (Export)	\$358

IND226x Communication Module

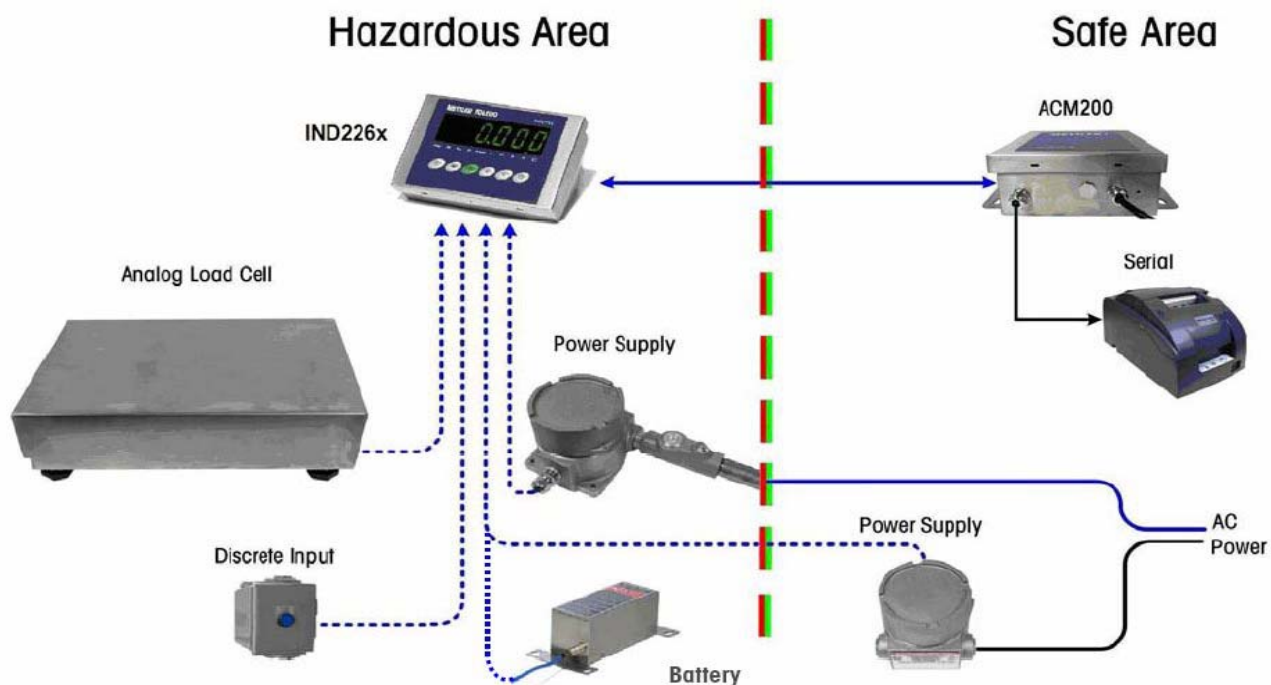
72223667	ACM200 Safe Area Communication Module (Includes 10 m Ex-i, 4 core communication cable and 10m serial cable with 9 pin D-Sub plastic connector)	\$440
72215012	RS232 Serial Cable (10 m with 9 pin D-Sub connector - SAFE area use only)	\$44
72215013	10 m (33 ft) Blue Ex-i Cable, 2 x 2 x 0.5 mm2 (2 twisted pair, 20AWG), with Ex Gland	\$121
72205884	100 m (330 ft) Blue Ex-i Cable, 2 x 2 x 0.5 mm2 (2 twisted pair, 20AWG), with Ex Glanc	\$1,210
72205886	200 m (660 ft) Blue Ex-i Cable, 2 x 2 x 0.5 mm2 (2 twisted pair, 20AWG), with Ex Glanc	\$2,420
72205888	300 m (990 ft) Blue Ex-i Cable, 2 x 2 x 0.5 mm2 (2 twisted pair, 20AWG), with Ex Glanc	\$3,630

Hazardous Area

IND226x

IND226x Mounting Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22010334	Column, 330 mm		\$343
22010335	Column, 660 mm		\$458
504132	Floor Stand, Stainless Steel - 400 x 500 mm		\$708
503701	Floor Stand Base, Stainless Steel - 600 x 800 mm		\$368
504127	Pillar Support, Enameled		\$323
504128	Pillar Support, Stainless Steel		\$644
72204997	IND226 Simple Stainless Steel Tilt and Swivel Bracket with M8 Hole		\$39
22015188	IND226 Stainless Steel Tilt and Swivel Bracket with M8 Hole		\$94





PUMA[®]

Intrinsically Safe Indicator

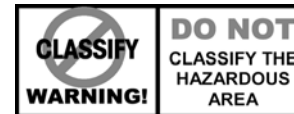
CONSULTATIVE

Approvals

- CSA Approved for use in Canada. This approval requires that the load cell system also be approved and listed for use with the PUMA. See page HA-5 for a complete listing of approved load cell systems and necessary ground kit
- Measurement Canada AM-5195

Standard Features

- Stainless steel TYPE 4X (IP65) enclosure
- Excitation for (4) 350 ohm load cells
- Keyboard ID
- Two optional fiber optic communications ports
- Select internal battery version or external power supply/battery version
- Wall mounting brackets are furnished with each **PUMA** indicator. (Rotate the **PUMA** cover 180° for wall mount applications)
- Setpoints
- Time and date



Notes

- For use in Hazardous Classified Areas when used with METTLER TOLEDO approved analog load cells. See appropriate METTLER TOLEDO control drawings.
- Accessory 74-600004 or 74-600005 must be ordered with the understructure on all Canadian installations.

Ordering Information

PUMA

Order Number	Description	Agency Approved	Shipping Weight (lb)	Suggested List Price (CDN\$)
PXHN1100019	PUMA with Internal 1.2 Amp Hour Rechargeable Battery. (Includes one 1.2 AH battery.)	CSA	12 lb	\$1,799
PXHN1200019	PUMA with Power Cable for connection to external AC Power Supply or 7 Amp Hour Battery. (60" Power Cable)	CSA	10 lb	\$1,672

PUMA is approved for Class I & II, Division 1 & 2, Groups A, B, C, D, E, F, & G, Temperature Rating T-4A

PUMA Accessories

Order Number	Description	Agency Approved	Shipping Weight (lb)	Suggested List Price (CDN\$)
09190055000	Continuous Intrinsically Safe Power Supply. Suitable for use in Class I & II; Division 1 & 2; Groups C, D, E, F, & G. 110 VAC-60 Hz Power Supply	CSA	10 lb	\$631
09640093000	7 Amp Hour (AH) Battery Pack. Suitable for use in Class I & II; Division 1 or 2; Groups A, B, C, D, E, F, & G. Battery life 300+ hours with one 350 V	CSA	9 lb	\$511
09640083000	Spare 1.2 Amp Hour (AH) Battery. Suitable for use in Class I & II; Division 1 or 2; Groups A, B, C, D, E, F, & G. Battery life 50 hours with one 350 V load	CSA	2 lb	\$330
74-600004	Ground kit with CSA Label. See HA-16 for applicable models.	CSA		\$83
74-600005	Ground kit with CSA Label. See HA-16 for applicable models.	CSA		\$83
09640084000	Battery charger for 1.2 AH Battery. 115 VAC-60 Hz, North American plug		2 lb	\$95
09640086000	Battery charger for 1.2 AH Battery. 230 VAC-50 Hz, European/China plug		2 lb	\$95
09640085000	Battery charger for 1.2 AH Battery. 240 VAC-50 Hz, UK plug		2 lb	\$95
09640087000	Battery charger for 1.2 AH Battery. 240 VAC-50 Hz, Australian plug		2 lb	\$95
09640064000	Battery charger for 7 AH Battery. 115 VAC-60 Hz, North American plug		4 lb	\$264
09640062000	Battery charger for 7 AH Battery. 230 VAC-50 Hz, European/China plug		4 lb	\$264
09640061000	Battery charger for 7 AH Battery. 240 VAC-50 Hz, UK plug		4 lb	\$264
09640063000	Battery charger for 7 AH Battery. 240 VAC-50 Hz, Australian plug		4 lb	\$264
09600190050	Power supply cable, 50 ft			\$181
09600190100	Power supply cable, 100 ft			\$360

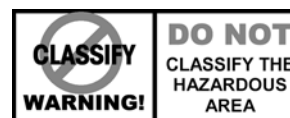
Hazardous Area

PUMA Intrinsically Safe Indicator

PUMA Accessories (continued)

Order Number	Description	Agency Approved	Shipping Weight (lb)	Suggested List Price (CDN\$)
09610090000	Fiber Optic Transmit/Receive PCB Kit for <i>PUMA</i> indicator. Maximum two kits per indicator	FM	2 lb	\$240
09640043000	Dual Channel Fiber Optics Converter; 115 VAC-60 Hz, No. American plug		5 lb	\$372
09640058000	Dual Channel Fiber Optics Converter; 230 VAC-50 Hz, U.K. plug		5 lb	\$372
09640059000	Dual Channel Fiber Optics Converter; 230 VAC-60 Hz, European plug		5 lb	\$372
09640060000	Dual Channel Fiber Optics Converter; No power supply (Australia)		3 lb	\$325
Plastic Core Fiber Optic Cable (UL rated for OFNP). Maximum distance 100 ft. Can be spliced or terminated in the field. Requires two cables for bidirectional communication.				
09000268000	50 ft (15 m), plastic core, connectors both ends	UL	1 lb	\$90
09000269000	100 ft (30 m), plastic core, connectors both ends	UL	2 lb	\$151
09640054000	Bulk, 500 ft (150 m); plastic core, no connectors	UL	5 lb	\$732
09640053000	Splice/Termination kit for Plastic Core FO cable; contains 16 connector ends		2 lb	\$104
Glass Core Fiber Optic Cable (UL rated for OFNP). Maximum distance 1000 ft. Cannot be spliced or terminated in the field (requires special tools). Requires two cables for bidirectional communication.				
09600189050	50 ft (15 m), glass core, connectors both ends	UL	1 lb	\$103
09600189100	100 ft (30 m), glass core, connectors both ends	UL	2 lb	\$197
09600189150	150 ft (45 m), glass core, connectors both ends	UL	3 lb	\$293
09600189200	200 ft (60 m), glass core, connectors both ends	UL	4 lb	\$384
09600189250	250 ft (76 m), glass core, connectors both ends	UL	5 lb	\$480
09600189300	300 ft (91 m), glass core, connectors both ends	UL	6 lb	\$577
09600189350	350 ft (107 m), glass core, connectors both ends	UL	7 lb	\$673
09600189400	400 ft (122 m), glass core, connectors both ends	UL	8 lb	\$768
09600189450	450 ft (137 m), glass core, connectors both ends	UL	9 lb	\$864
09600189500	500 ft (152 m), glass core, connectors both ends	UL	10 lb	\$960
09600189550	550 ft (168 m), glass core, connectors both ends	UL	11 lb	\$1,056
09600189600	600 ft (183 m), glass core, connectors both ends	UL	12 lb	\$1,056
09600189650	650 ft (198 m), glass core, connectors both ends	UL	13 lb	\$1,162
09600189700	700 ft (213 m), glass core, connectors both ends	UL	14 lb	\$1,344
09600189750	750 ft (229 m), glass core, connectors both ends	UL	15 lb	\$1,439
09600189800	800 ft (244 m), glass core, connectors both ends	UL	16 lb	\$1,536
09600189850	850 ft (259 m), glass core, connectors both ends	UL	17 lb	\$1,632
09600189900	900 ft (274 m), glass core, connectors both ends	UL	18 lb	\$1,727
09600189950	950 ft (290 m), glass core, connectors both ends	UL	19 lb	\$1,823
09600189999	1000 ft (304 m), glass core, connectors both ends	UL	20 lb	\$1,919
88-470001	<i>PUMA</i> stainless steel column mounting bracket, heavy capacity columns (one hole)		5 lb	\$121

Agency Designation: FM=Factory Mutual UL=Underwriters Laboratories





ID7sx®

**Intrinsically Safe Terminal
for Hazardous Areas**

CONSULTATIVE

Approvals:

- Factory Mutual (FM) Class I&II; Division 1&2, Groups A,B,C,D,E,F,& G; N.E.C. Temperature Rating T4
- CSA Certificate #1620259

Standard Features:

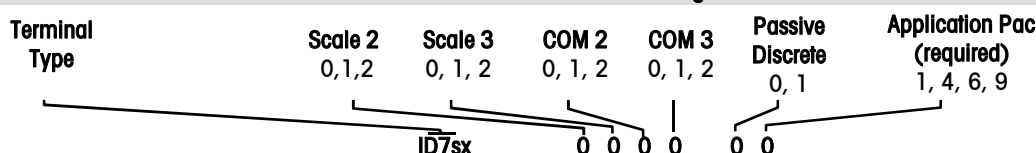
- 1" BIG weight display, backlit LCD
- 304 stainless steel enclosure
- Desk mount, IP66 sealed
- Programmable function keys
- BasePac application pac

Standard Interfaces:

- IDNet scale interface (scale 1)
- CL 20ma interface (COM 1)

Options

- Scale interface (scale 2 & 3)
- Serial interface (COM 2 & 3)
- Passive 8 I/O board
- Application PACs
- Wall and panel installation kits

**ID7sx Model Configuration****Ordering Information****ID7sx Intrinsically Safe Terminal for Hazardous Areas**

Order Number	Description	Cable Conductors to PSU*	Shipping Weight (lb)	Suggested List Price (CDN\$)
ID7sx	Desk-mount w/ LCD display, 1 scale & COM 1 interface, shipping weight 11 lbs (scale only requires 8 conductors, scale plus COM1 requires 12 conductors)	[8/12 cond]		\$2,621
ID7sx Scale 2				
0	No option			\$0
1	Point Ex interface for analog load cells	[3 cond]		\$656
2	IDNET interface	[3 cond]		\$446
ID7sx Scale 3				
0	No option			\$0
1	Point Ex interface for analog load cells	[3 cond]		\$656
2	IDNET interface	[3 cond]		\$446
ID7sx COM 2				
0	No option			\$0
1	Intrinsically safe RS232 for Hazardous Area	[4 cond]		\$412
2	CL 20mA interface (required for RS232 connectivity in PSU)	[4 cond]		\$412
ID7sx COM 3				
0	No option			\$0
1	Intrinsically safe RS232 for Hazardous Area	[4 cond]		\$412
2	CL 20mA interface (required for COM Interface connectivity with PSU)	[4 cond]		\$412
ID7sx Passive Discrete PCB				
0	No option			\$0
1	Passive 8 I/O PCB: Requires isolation amplifiers (outputs) and/or barriers (inputs). External approved devices must have compatibility with entity parameters. See Accessory			\$972
ID7sx Application PACs				
1	BasePac 999 Tare memories, Delta Trac for filling and checkweighing			\$0
4	DataPac For host communication. Function keys on the ID7sx can be programmed			\$466
6	DosPac Single component dosing, learn mode, 999 target memories			\$635
9	FormPacXP Recipe weighing includes computer software for Windows 98, 2000, and XP			\$1,109

* Number of conductors required is listed in brackets. Total the number of conductors for the scale and interface options.
Select the appropriate Blue cable from page HA-10. Blue cable available with 9 or 18 conductors.

PSU®

Intrinsically Safe Power Supply for Safe Areas



CONSULTATIVE

Approvals: *PSU approval for safe area installations only*

- Factory Mutual (FM) Class I&II; Division 1&2, Groups A,B,C,D,E,F,& G; N.E.C. Temperature Rating T4
- CSA Certificate #1589575

Standard Features:

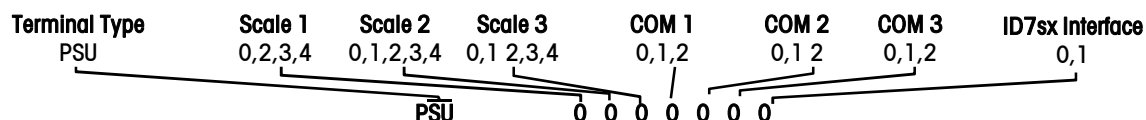
- Provides power and connectivity for up to 3 scales

Optional Interfaces:

- Up to 3 scales and 3 serial interfaces



PSU Model Configuration



Ordering Information

PSU Power Supply for Safe Areas

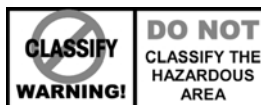
Order Number	Description	Cable Conductors to PSU*	Shipping Weight (lb)	Suggested List Price (CDN\$)
PSU	Safe Area power supply module, shipping weight 17 lbs (with no cards)			\$916
PSU Scale1 Power Supply Cards (At least one scale card required for scale operation)				
0	No option			\$0
2	Tbrick-Ex card for ID7sx	[3 cond]		\$412
3	Tbrick-Ex card for IDNet Terminal in Safe Area**			\$867
4	Viper Ex card (requires separate 9 conductor blue cable)			\$460
5	Tbrick-Ex card for WMH-Ex (blue cable provided with platform)***			\$867
PSU Scale 2/Scale 3 Power Supply Cards				
0	No option			\$0
1	Point Ex scale interface for analog load cells	[3 cond]		\$579
2	Tbrick-Ex card for ID7sx	[3 cond]		\$412
3	Tbrick-Ex card for IDNet Terminal in Safe Area**			\$867
4	Viper Ex card (requires separate 9 conductor blue cable)			\$460
5	Tbrick-Ex card for WMH-Ex (blue cable provided with platform)***			\$867
PSU COM 1 Interface Cards				
0	No option			\$0
1	RS232 (requires CL 20mA interface in ID7sx)	[4 cond]		\$412
2	CL 20mA (requires CL 20mA interface in ID7sx)	[4 cond]		\$412
PSU COM 2 Interface Cards				
0	No option			\$0
1	RS232 (requires CL 20mA interface in ID7sx)	[4 cond]		\$412
2	CL 20 [4 cond]			\$412
PSU COM 3 Interface Cards				
0	No option			\$0
1	RS232 (requires CL 20mA interface in ID7sx)	[4 cond]		\$412
2	CL 20mA (requires CL 20mA interface in ID7sx)	[4 cond]		\$412
PSU ID7Sx Power Supply Card				
0	No ID7sx Terminal			\$0
1	ID7sx Intrinsically Safe Terminal	[5 cond]		\$412

* Number of conductors required is listed in brackets. Total the number of conductors for the scale and interface options.

Select the appropriate Blue cable from page HA-10. Blue cable available with 9 or 18 conductors.

** Tbrick-Ex card for IDNet Terminal includes data converter, CL interface. Each Scale Option 3 uses one COM interface

*** Tbrick-Ex card for WMH-Ex includes data converter and RS232 interface card.



ID7sx® and PSU®

Intrinsically Safe Terminal & Power Supply Accessories

CONSULTATIVE

Ordering Information

ID7sx Intrinsically Safe Terminal Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22008443	IDNET scale interface (scale 2 or 3 only)		\$437
22008622	Point Ex interface for analog load cell scale interface (scale 2 or 3 only)		\$642
22008444	CL 20ma Interface (COM 2 or COM 3 only)		\$412
22008445	Intrinsically Safe RS232 Interface (COM 2 or COM 3 only)		\$412
22008446	Passive 8 I/O PCB: Requires isolation amplifier (outputs) and/or barriers (inputs); External approved devices must have compatibility with entity parameters.		\$972
91051500A	Two channel amplifier for outputs in fiberglass enclosure		\$2,647
22008439	Panel mount kit for ID7sx		\$63
504130	Wall mount bracket with hardware, stainless steel		\$259
504132	Floor stand stainless steel, 44 in (1.1 m) tall		\$708
504128	Pillar support and hardware for mounting terminal to stand, stainless steel		\$644

PSU Safe Area Power Supply Accessories

22008414	Tbrick-EX card for ID7sx		\$412
22007859	Tbrick-EX card for IDNet Terminals in Safe Area (includes a data converter, CL COM interface to connect to terminal IDNET interface)		\$867
22008703	Point Ex scale interface for analog load cells (scale 2 or 3 only)		\$579
22006542	RS232 interface card		\$412
22006541	CL 20ma interface card		\$412
22008649	Profibus DP Interface Module: Requires PSU RS232 interface (22006542), PSU to Profibus DP cable (504376), and 24V power supply (505544). For safe area only.		\$1,032
505544	24V, Class 2 power supply		\$340
504376	RS232 interface cable, 9 pin female, 10 ft (3 m)		\$110
504374	RS232 interface cable, 25 pin female, 10 ft (3 m)		\$110
503755	RS232 interface cable, 25 pin male, 10 ft (3 m)		\$110
504511	PSU (CL 20mA) cable to IDNet Terminal in Safe Area		\$226

PSU Blue Interface Cable

22008417	18 conductor blue cable assembly, 33 ft (10 m) with wire terminals and cord grips		\$273
22008322	18 conductor blue cable 328 ft (100 m) roll		\$759
22008322-FT	18 conductor blue cable, per foot		\$7.93
22006557	9 conductor blue cable assembly, 33 ft (10 m) with wire terminals and cord grips		\$205
22006707	9 conductor blue cable 328 ft (100 m) roll		\$709
22006707-FT	9 conductor blue cable, per foot		\$6.80
504673	Scale Cable: 6 Conductor Blue Cable Assembly, 16 ft (5 m) with Wire Terminals and Cord Grips		\$405
504638	Scale Cable: 6 Conductor Blue Cable, per foot		\$5.67
22006708	Cord Grip, M16 (6 pieces); for 6 or 9 Conductor Cable		\$165
504639	Wire Terminals for 6 Conductor Blue Cable (each)		\$0.57
22006708	Cord grip, M16 (6 pieces); for 9 conductor blue cable		\$165
22008323	Cord grip, M25 (6 pieces); for 18 conductor blue cable		\$200
22006709	Wire terminals for 9 or 18 conductor blue cable (100 pieces)		\$36

Blue Cable Notes:

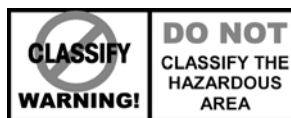
- Maximum cable run of 262 ft (80 m) from PSU to ID7sx, 164 ft (50 m) from PSU to Viper EX, 328 ft (100 m) from K..x-T4 base to PSU, and 65 ft (20 m) from K..x-T4 base to ID7sx
- Wire terminals required for custom length cables for both ends.
- Combination of one (1) 18 conductor and up to three (3) 9 conductor cables are possible configurations

Hazardous Area

ID7sx® and PSU®

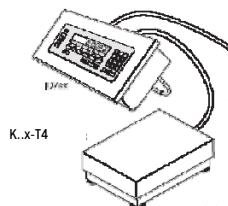
Terminal and Power Supply Application Examples

CONSULTATIVE

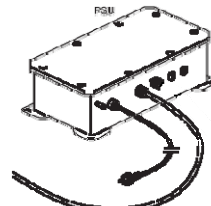


Single Scale Example

Hazardous Area



Safe Area

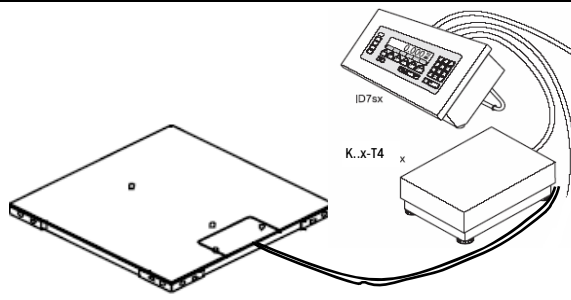


Example Item

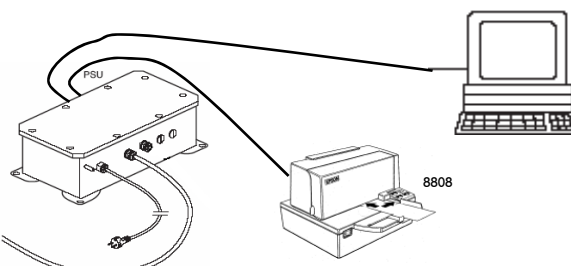
ID7sx 000001	ID7sx Intrinsically Safe Terminal with BasePac
KC300sx-T4	K-line Intrinsically Safe Base, 300 kg x 2 g, 39" x 32"
PSU2000001	PSU Safe Area Power Supply with Tbrick-Ex Scale Card (Scale 1), ID7sx Power Supply card
22008417	18 Conductor blue cable assembly, 32 ft (for [8] conductors)

Two Scale (1 analog, 1 K..x-T4) with Printer and PC Interface Example

Hazardous Area



Safe Area



Example Item

ID7sx102009	ID7sx Hazardous Area Terminal with additional: Analog Scale (Scale 2), CL-20mA (COM 2) and FormPac XP
KB60x.2-T4	K-line Intrinsically Safe Base, 60 kg x 1 g, 20" x 16"
2158032023-A	2158 Floor Scale, 4'x4', 5000 lb, stainless steel smooth plate
88080001000	8808 Dot Matrix Printer (RS232 cable provided by others)
PSU2101101	PSU Safe Area Power Supply with T-Brick Scale Card (Scale 1), Analog Scale Card (Scale 2), two (2) RS232 Interfaces (COM 1 and COM 2), ID7sx Power Supply
22008417	18 conductor blue cable assembly, 32 ft (for [16] conductors)
504376	RS232 cable, PSU to DE-9 (Qty 2 required)
09170408000	MTConnections Complete (optional PC software)

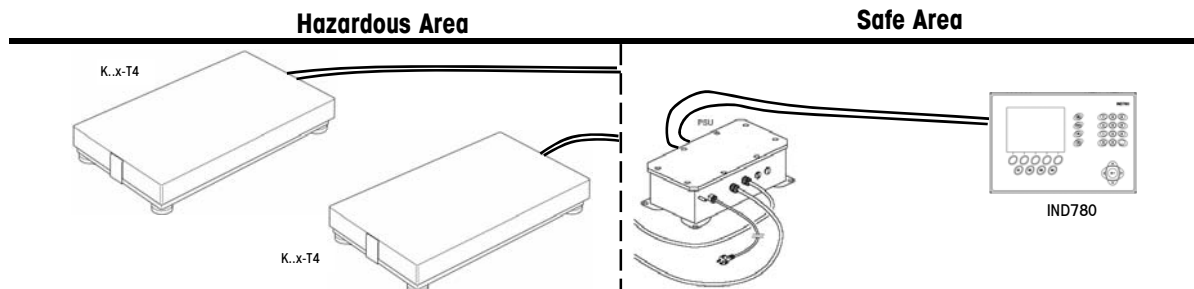
ID7sx® and PSU®

Terminal and Power Supply

Application Examples

CONSULTATIVE

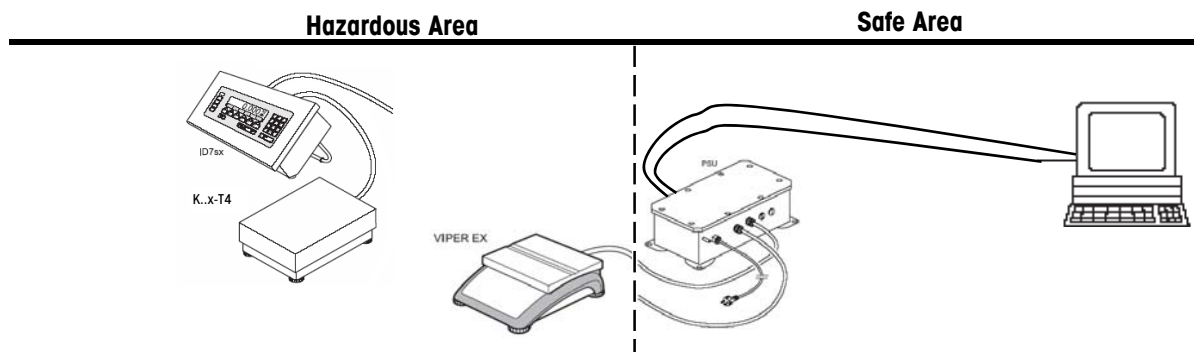
Two Scale (2 K..x-T4 bases) with JAGXTREME Interface with ControlNet



Example Item

KC300sx-T4	K-line Intrinsically Safe Base, 300 kg x 2 g, 39" x 32" (Qty 2 required)
78S440000000	IND780, panel-mount, 2 IDNET Interfaces
PSU3300000	PSU Safe Area Power Supply with two (2) T-Brick for IND780 Scale Cards (Scale 1 and 2)
504511	PSU (CL 20mA) cable to IND780

Two Scale (K..x-T4 base and Viper Ex) with Two RS232 Interfaces



Example Item

ID7sx000001	ID7sx Intrinsically Safe Terminal with BasePac
KC300sx-T4	K-line Intrinsically Safe Base, 300 kg x 2 g, 39" x 32"
ViperEXPM3	Viper EX, 3 kg x 0.0002 kg, 7.9" x 9.5"
PSU240110	PSU Safe Area Power Supply with T-Brick Scale Card (Scale 1), Viper Ex Scale Card (Scale 2), two (2) RS232 Interfaces (COM 1 and COM 2), ID7sx Power Supply
22008417	18 conductor blue cable assembly, 32 ft (for [16] conductors)
504376	RS232 cable, PSU to DE-9 (Qty 2 required)
09170408000	MTConnections Complete (optional PC software)

Hazardous Area

PSUx[®]

Intrinsically Safe Power Supply For IDNet Applications



CONSULTATIVE

Approvals:

Factory Mutual (FM): Class I,II/III; Division 1, Groups A,B,C,D,E,F, & G; N.E.C. Temperature Rating T4 (120V)

CSA: Class I,II/III; Division 1, Groups A,B,C,D,E,F, & G; N.E.C. Temperature Rating T4 (120V for use with IDNet devices only)

Standard Features:

- Provides power for one ID7sx or Viper Ex

Ordering Information

PSUx/120V Intrinsically Safe Power Supply for Hazardous Areas

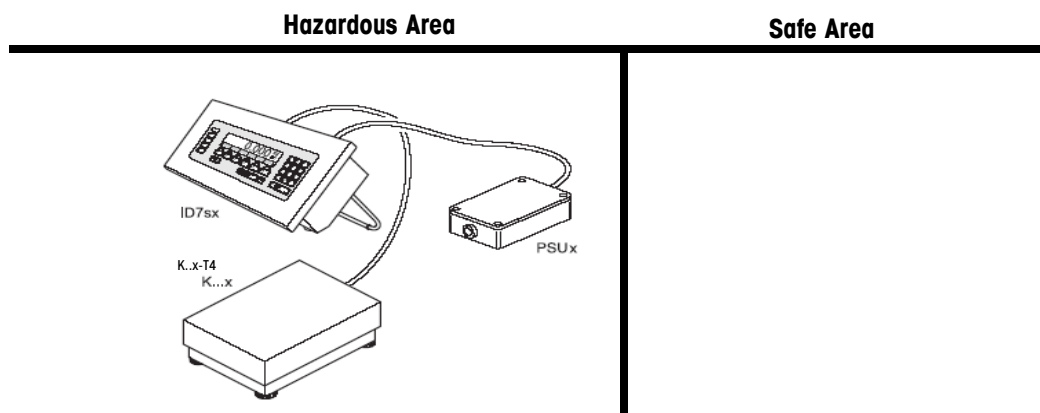
Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
21203960	PSUx/120V. Power Supply for use in hazardous area. 120 VAC, 60 Hz, includes 16 ft (5 m) of blue cable with cord grip fitting. No interface capability. Fiberglass enclosure, 8.7" x 4.8" x 3.4" with 1/2 NPT conduit hub. IP65 protection.	9 lb	\$1,207

PSUx Accessories

22006707	9 conductor blue cable 328 ft (100 m) roll*		\$709
22006707-FT	9 conductor blue cable, per foot price*		\$6.80
22006709	Wire terminals for blue conductor cable (100 pieces)		\$36

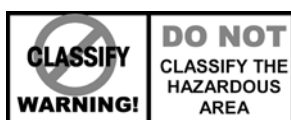
* Maximum run of 164 ft (50 m) from PSUx to ID7sx, 65 ft (20 m) from K..x-T4 base to ID7sx

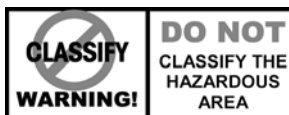
Hazardous Area Application Example



Example Item

ID7sx 000001	ID7sx Intrinsically Safe Terminal, with BasePac
KC300x-T4	K-line Intrinsically Safe Base, 300 kg x 2 g, 39" x 32"
21203959	Hazardous Area Power Supply





K-line

High Precision Hazardous Bases

KA/KB/KCC/KC/KCS 15-600 kg

CONSULTATIVE

Approvals

- Factory Mutual (FM) - Class I, II, III Division 1, Groups A-G

Standard Features

- MonoBloc Technology
- IP67 protection
- Measuring cell cable length 5 m
- Base and load plate included

Ordering Information**MultiRange-x Intrinsically Safe Series - Bench Scales**

Order Number	Overall Dimensions	Capacity/Readability	Base Construction*	Shipping Weight (lb)	Suggested List Price (CDN\$)
KA15sx-T4	13.8" x 11" (350 x 280 mm)	30 lb/0.0002 lb (15 kg/0.1g)	Stainless Steel	29 lb	\$4,631
KA32sx-T4		70 lb/0.0002 lb (32 kg/0.1g)		29 lb	\$5,294
KB60x.2-T4	20" x 16" (500 x 400 mm)	120 lb/0.002 lb (60 kg/1g)	Stainless Steel / Black Powder	77 lb	\$4,717
KB60.2sx-T4		120 lb/0.002 lb (60 kg/1g)	Stainless Steel	77 lb	\$6,748
KCC150x-T4	32" x 24" (800 x 600 mm)	300 lb/0.002 lb (150 kg/1g)	Stainless Steel / Black Powder	160 lb	\$5,636
KCC300x-T4		600 lb/0.005 lb (300 kg/2g)		160 lb	\$5,849
KCC150sx-T4		300 lb/0.002 lb (150 kg/1g)	Stainless Steel	160 lb	\$7,674
KCC300sx-T4		600 lb/0.005 lb (300 kg/2g)		160 lb	\$7,839

MultiRange-x Intrinsically Safe Series - Floor Scales

Order Number	Overall Dimensions	Capacity/Readability	Base Construction*	Shipping Weight (lb)	Suggested List Price (CDN\$)
KC300x-T4	39" x 32" (1000 x 800 mm)	600 lb/0.005 lb (300 kg/2g)	Hot Galvanized / Black Powder	251 lb	\$7,495
KC600x-T4		1200 lb/0.02 lb (600 kg/10g)		251 lb	\$8,385
KC300sx-T4		600 lb/0.005 lb (300 kg/2g)	Stainless Steel	251 lb	\$9,910
KC600sx-T4		1200 lb/0.02 lb (600 kg/10g)		251 lb	\$10,433
KCS300x-T4	32" x 32" (800 x 800 mm)	600 lb/0.005 lb (300 kg/2g)	Hot Galvanized / Black Powder	251 lb	\$7,114
KCS600x-T4		1200 lb/0.02 lb (600 kg/10g)		251 lb	\$7,511
KCS300sx-T4		600 lb/0.005 lb (300 kg/2g)	Stainless Steel	251 lb	\$9,695
KCS600sx-T4		1200 lb/0.02 lb (600 kg/10g)		251 lb	\$10,018

MultiRange-x Intrinsically Safe Series - Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
42101839	Power converter - required when any T4 MultiRange scale base is used with a GD13x or GD130x power supply.		\$147

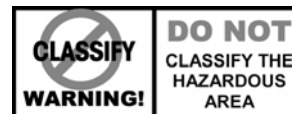
Built to order product. Lead time is 3-4 weeks

K-line accessories and load plates are located in BP and FS sections

Hazardous Area

K-line

High Precision Hazardous Bases KD/KE/KES/KG 600-12,000 kg



CONSULTATIVE

Approvals

- Factory Mutual (FM) - Class I, II, III Division 1, Groups A-G

Standard Features

- MonoBloc Technology
- IP67 protection
- Measuring cell cable length 5 m



Ordering Information

MultiRange-x Intrinsically Safe Series - Floor and Pit Scales (base only) - ORDER LOAD PLATE IN FLOOR SCALE SECTION

Order Number	Overall Dimensions	Capacity/Readability	Base Construction*	Shipping Weight (lb)	Suggested List Price (CDN\$)
KD600x-T4	49" x 39"	1200 lb/0.02 lb (600 kg/10 g)	Hot Dip	500 lb	\$8,833
KD1500x-T4	(1250 x 1000 mm)	3000 lb/0.05 lb (1500 kg/20 g)	Galvanized	500 lb	\$9,068
KE1500x-T4	59" x 49"	3000 lb/0.05 lb (1500 kg/20 g)	Hot Dip	595 lb	\$11,750
KE3000x-T4	(1500 x 1250 mm)	6000 lb/0.1 lb (3000 kg/50 g)	Galvanized	595 lb	\$12,396
KES1500x-T4	59" x 59"	3000 lb/0.05 lb (1500 kg/20 g)	Hot Dip	656 lb	\$13,032
KES3000x-T4	(1500 x 1500 mm)	6000 lb/0.1 lb (3000 kg/50 g)	Galvanized	656 lb	\$13,731
KG3000x-T4	79" x 59" (2000 x 1500 mm)	6000 lb/0.1 lb (3000 kg/50 g)	Black Powder	1655 lb	Call
KG6000x-T4		12000 lb/0.2 lb (6000 kg/100 g)	Coat	1655 lb	Call
KG3000gx-T4		6000 lb/0.1 lb (3000 kg/50 g)	Hot Dip	1655 lb	Call
KG6000gx-T4		12000 lb/0.2 lb (6000 kg/100 g)	Galvanized	1655 lb	Call

MultiRange-x Intrinsically Safe Series - Stainless Steel Liftdeck Scales (includes base and load plate)

Order Number	Overall Dimensions	Capacity/Readability	Construction: Load Plate/Base	Shipping Weight (lb)	Suggested List Price (CDN\$)
KE1500Sx-T4	59" x 49" (1500 x 1250mm)	3000 lb/0.05 lb (1500 kg/20 g)	Tread Stainless	900 lb	\$32,895
KE3000Sx-T4		6000 lb/0.1 lb (3000 kg/50 g)	Steel	900 lb	\$34,701
KE1500SxK-T4		3000 lb/0.05 lb (1500 kg/20 g)	Smooth Stainless	900 lb	\$32,895
KE3000SxK-T4		6000 lb/0.1 lb (3000 kg/50 g)	Steel	900 lb	\$34,701
KES1500Sx-T4	59" x 59" (1500 x 1500mm)	3000 lb/0.05 lb (1500 kg/20 g)	Tread Stainless	900 lb	\$36,487
KES3000Sx-T4		6000 lb/0.1 lb (3000 kg/50 g)	Steel	900 lb	\$38,443
KES1500SxK-T4		3000 lb/0.05 lb (1500 kg/20 g)	Smooth Stainless	900 lb	\$36,487
KES3000SxK-T4		6000 lb/0.1 lb (3000 kg/50 g)	Steel	900 lb	\$38,443

MultiRange-x Intrinsically Safe Series - Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
42101839	Power converter - required when any T4 MultiRange scale base is used with a GD13x or GD130x power supply.		\$147

Built to order product. Lead time is 3-4 weeks

K-line accessories and load plates are located in BP and FS sections



Viper EX PM



Viper EX SM



Produced in a facility that is



VIPER EX

Hazardous Area Scales

CONSULTATIVE

Approvals:

- **Viper EX:** FM Class I, Division 1, Groups ABCD;
CSA Class I, Division 1, Groups ABCD
- **PSUx/120V:** FM Class I, Div 1, Groups ABCD; Class II, Groups EFG; Class III;
CSA Class I, Div 1, Groups ABCD; Class II, Groups EFG; Class III
- **PSU:** FM AIS Class I, Division 1, Group ABCD; Class II, Groups EFG; Class III;
CENELEC II(2) G, D {EEx ib} IIC (no CSA)
- **PSUx/230V:** CENELEC II 2 G, D {EEx ib} IIC T4

**Standard Features:**

- Intrinsically safe for hazardous areas Class I, Division 1, Group A, B, C, D, T4
- Fast graphical display with back light
- Die-cast aluminum housing
- Zero, Tare, Print, Unit, and Clear key
- MonoBloc or standard load cell technology
- Viper Ex Power Supply (PSUx or PSU) Required - Order separately from next page

Options:

- 1 x RS232 interface (requires PSU power supply; order power supply separately)

In all circumstances, it is the user's responsibility to establish the correct classification of the hazardous area. METTLER authorized sales and service representatives are not permitted to participate in the classification of the customer's hazardous area. The user's insurance carrier may require that the user obtain specific approval for use of this equipment. The user assumes total responsibility and liability for submission and approval by the insurance carrier for use in a specific area.

Ordering Information**VIPER EX**

Order Number	Capacity (lb/kg)	Resolution (lb/kg)	Platform Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
ViperEXPM3	7.5 lb/3 kg	0.0005 lb/0.0002 kg	7.9" x 9.5"	13 lb	\$2,400
ViperEXPM6	12 lb/6 kg	0.001 lb/0.0005 kg	7.9" x 9.5"	13 lb	\$2,400
ViperEXPM12	24 lb/12 kg	0.002 lb/0.001 kg	7.9" x 9.5"	13 lb	\$2,400
ViperEXSM12	24 lb/12 kg	0.002 lb/0.001 kg	9.5" x 13.8"	21 lb	\$2,526
ViperEXSM30	75 lb/30 kg	0.005 lb/0.002 kg	9.5" x 13.8"	21 lb	\$2,526
ViperEXSM60	120 lb/60 kg	0.01 lb/0.005 kg	9.5" x 13.8"	21 lb	\$2,526

VIPER EX MonoBloc

Order Number	Cord Grip, M16 (6 pieces); for 6 or 9 Conductor Cable	Resolution (lb/kg)	Platform Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
ViperEXMBPM3	6 lb/3 kg	0.00002 lb/0.00001 kg	6.5" x 6.5"	13 lb	\$3,659
ViperEXMBPM6	12 lb/6 kg	0.0002 lb/0.0001 kg	7.9" x 9.5"	13 lb	\$3,659
ViperEXMBSM12	24 lb/12 kg			26 lb	\$4,040
ViperEXMBSM30	60 lb/30 kg	0.0002 lb/0.0001 kg	9.5" x 13.8"	26 lb	\$4,560

Hazardous Area

VIPER EX

VIPER EX Power Supplies

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
21203960	PSUx/120V. Power supply for use in hazardous area. 120 VAC, 60 Hz. Includes 15 ft. blue connecting 9 wire cable with cord grip fitting. Per foot Blue cable available (50m MAX) - no splice allowed for Hazardous applications. No interface capability. Aluminum die-cast; 8.7" x 4.8" x 3.4".	5 lb	\$1,207
22006549	PSU Power supply for NON hazardous area. 120-240 VAC, 50/60 Hz. Includes 1 power card, 6 ft power cable, 30 ft. of 9 wire blue cable with cord grip. Per foot Blue cable available (50m MAX) - no splice allowed for Hazardous applications. Optional 2 power cards can be installed to power 3 Viper scales. Data interface cards are available, maximum 3 (one per Viper). Stainless steel, 16.9" x 10.7" x 3.4".	15 lb	\$1,619

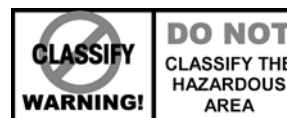
VIPER EX Power Supplies For Non-US and Non-Canada Only

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
21203959	PSUx/240V. Power supply for use in hazardous area. 240 VAC, 50 Hz. Includes 15 ft. blue connecting 9 wire cable with cord grip fitting. CENELEC approval for hazardous areas (Zone 1 and Zone 2). Aluminum die-cast; 11.1" x 4.8" x 3.4".	5 lb	\$1,207

VIPER EX Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22006540	Power card, power supply card fitting into PSU/Viper-Ex. Power supply for 1 Viper includes 30 ft of 9 wire blue cable.	1 lb	\$460
22006541	CL20mA interface card, fitting into PSU	1 lb	\$412
22006542	RS232 interface card, fitting into PSU	1 lb	\$412
504376	RS232 cable, 9 pin female, 10 ft (3 m)	2 lb	\$110
504374	RS232 cable, 25 pin female, 10 ft (3 m)	2 lb	\$110
503755	RS232 cable, 25 pin male, 10 ft (3 m)	2 lb	\$110
22006707	Blue cable, 9 x 0.5 sq mm, 300 ft roll	35 lb	\$709
22006707-FT	Blue cable, 9 x 0.5 sq mm, per foot price	.1 lb/ft	\$6.80
22006708	Cord grip, M16 x 1.5 (6 pcs)	1 lb	\$165
22006709	Wire terminals, 0.5/13 (100 pcs)	1 lb	\$36

Note: Scale protective covers are NOT to be used in hazardous areas!





ISB 15



ISB 15X



ISB

Intrinsically Safe Barrier

CONSULTATIVE

Approvals

- USA: ISB05 and ISB15 are FM approved for Class I, II, III; Division 1, 2; Groups A through G
- USA: ISB05X and ISB15X are FM approved for Class I, II, III; Division 1, 2; Groups C through G; T6
- Canada: ISB05 and ISB15 are CSA approved for Class I, II, III; Division 1; Groups A through D
- Canada: ISB05X and ISB15X are CSA approved for Class I, II, III; Division 1; Groups C through G
- Europe: ISB05 and ISB15 are KEMA certified as [EEx ia] IIC
- Europe: ISB05X and ISB15X are KEMA certified as EEx d IIB+H2 [ia] IIC T6

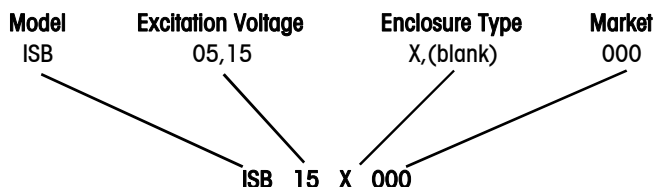
Standard Features

- Barriers have both metrology and safety approvals for United States (NTEP/FM), Canada (Canada Metrology/CSA), and Europe (Nmi/KEMA) as instrument peripheral for PANTHER, IND560, IND690, IND780
- Both entity and system approvals have been obtained from Factory Mutual and CSA
- Individually replaceable fuse cartridges
- Removable terminal strip connectors - Color coded and sized differently
- Direct NS35 DIN rail mounting for ISB05 and ISB15 models

Accessories

- Either 3/4" conduit sealing fittings for 20 mm metric thread adapter kits

ISB Model Configuration



Ordering Information

ISB Models/Enclosures

Order Number	Description	Agency Approvals	Shipping Weight (lb)	Suggested List Price (CDN\$)
ISB05000	Intrinsically Safe Barrier, excitation voltage from 1 to 5 volts; Panel mount barrier, ABS plastic case; safe area location	NMi, NTEP, FM, KEMA, CSA	1 lb	\$1,142
ISB05X000	Intrinsically Safe Barrier, excitation voltage from 1 to 5 volts; Barrier and TYPE 7/9 explosion proof (flameproof) box	NMi, NTEP, FM, KEMA, CSA	8 lb	\$1,461
ISB15000	Intrinsically Safe Barrier, excitation voltage from 5 to 15 volts; Panel mount barrier, ABS plastic case; safe area location	NMi, NTEP, FM, KEMA, CSA	1 lb	\$1,142
ISB15X000	Intrinsically Safe Barrier, excitation voltage from 5 to 15 volts; Barrier and TYPE 7/9 explosion proof (flameproof) box	NMi, NTEP, FM, KEMA, CSA	8 lb	\$1,461



Hazardous Area

ISB Intrinsically Safe Barrier

ISB Accessories

Order Number	Description	Agency Approvals	Shipping Weight (lb)	Suggested List Price (CDN\$)
09170308000	Kit with two 3/4" conduit sealing fittings	UL	1 lb	\$81
09170309000	Kit with two 3/4" to 20mm thread adapters	BASEEFA	1 lb	\$48
09170339000	Ground kit for ISB05/ISB15, required in Canada	CSA	1 lb	\$63



Conduit Sealing Fittings



Metric Thread Adapters

Notes:

1. In all circumstances, it is the user's responsibility to establish the correct classification of the hazardous area. METTLER authorized sales and service representatives **are not permitted** to participate in the classification of the customer's hazardous area.
2. The model ISB **is not** compatible with the following METTLER TOLEDO terminals: 8130, 8132, 8136, 8140 and 8142 early
3. The model ISB **is** compatible with the following METTLER TOLEDO terminals: Late 8140 and 8142, 8510PA, HAWK®, SPIDER®, PANTHER®, LYNX®, JAGUAR®, JAGXTREME®, and ID7.
4. The Intrinsically Safe Barrier is a safety device, expendable, and **is not warranted beyond installation**.
5. METTLER TOLEDO terminals, modified for low excitation voltage of 5 volts and 15 volts, by themselves are not suitable for intrinsic safe operation. They must be used in conjunction with an approved barrier such as the ISB.
6. When using the ISB, the scale build will be reduced depending upon the quantity and bridge resistance of the load cell(s) being used. Refer to the technical manual of the ISB for specifics.
7. The user's insurance carrier may require that the user obtain specific approval for the use of this equipment. This approval transaction is between the user and the user's insurance carrier. The user assumes total responsibility and liability for submission and approval by the insurance carrier for use in a specific area.

Agency Designation:

FM - Factory Mutual Research Corporation

NTEP - National Type Evaluation Program

UL - Underwriters' Laboratories, Incorporated

CSA - Canadian Standards Association

CE - Conformité Européenne

NMi - Nederlands Meetinstituut

KEMA - KEMA N.V.

BASEEFA - British Approvals Service for Electrical Equipment in Flammable Atmospheres

Reference:

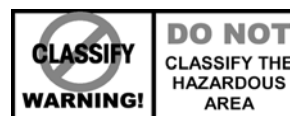
USA - FM Control Drawings 159672R

USA - FM Certificate, 3010967

Canadian - CSA Control Drawing 156305R (4 pages) and 165089R

Canadian - CSA Certificate, 1197104

European - KEMA Certificate, EX-01.E.1055

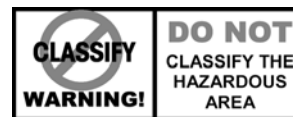


Puma CSA Grounding Guide

PUMA - CSA Approved Analog Load Cell Systems - Approval Guide								
Model Number	Part Number (See Notes 1, 2)	Hazardous Area Classification (See Note 1)	Ground Kit (See Note 3)		Model Number	Part Number (See Notes 1, 2)	Hazardous Area Classification (See Note 1)	Ground Kit (See Note 3)
0951 Conversion Kits	0951xxxx	Groups A, B, C, D only	74-600005		2158 Vertex	2158xx00x0xx 2158Cxxxx0xx	Groups A, B, C, D only	74-600005
0958 Flexmount Centerlign	0958xxxX2-1 0958SxxxX2xx	Groups A, B, C, D only	74-600005		2158 Vertex	2158xx20xxxx 2158xx40xxxx 2158Cxxxx1xx 2158Cxxxx2xx 2158Cxxxx3xx 2158Cxxxx4xx 2158Cxxxx5xx 2158CxxxxAxx 2158CxxxxBxx 2158CxxxxCxx 2158CxxxxDxx 2158CxxxxExx 2158Exx0xxxx 2158Fcxxy	Groups A, B, C, D, E, F, G	74-600004
0958 Flexmount Centerlign	0958xxxX5-1 0958xxx01-1 0958xxx02-1 0958xxx05-1 0958SxxxX5xx 0958Sxxx01xx 0958Sxxx02xx 0958Sxxx05xx	Groups A, B, C, D, E, F, G	74-600004		2888 Deckmate	2888xxx0x1 2888xxx0x2 2888xxx0xA 2888xxx0xB 2888Cxx1xx 2888Cxx2xx 2888CxxAxx 2888CxxBxx	Groups A, B, C, D, E, F, G	74-600004
0978 Tension Mounts	097801xxxx	Groups A, B, C, D only	74-600005		2888 Deckmate	2888xxx0x0 2888Cxx0xx	Groups A, B, C, D only	74-600004
0972 Ultramounts	0972xxxxxx-1	Groups A, B, C, D, E, F, G	74-600004		2256 Weight-Plate	2256xxx0xxxx 2256Cxxx	Groups A, B, C, D, E, F, G	74-600004
0990 Monorail	0990xx1xxxx	Groups A, B, C, D, E, F, G	74-600004		2266 EZ-Lift	2266x0xx	Groups A, B, C, D, E, F, G	74-600004
0991 Monorail	0991xx1xx03 0991xx1xx04 0991xx1xx05 0991xx1xx06 0991xx1xx07 0991xx1xx13 0991xx1xx14 0991xx1xx15 0991xx1xx16 0991xx1xx17	Groups A, B, C, D, E, F, G	74-600004		MG4500 Liftmate HD	MG4500x0xxxx MG4500Cxxx	Groups A, B, C, D, E, F, G	74-600004
					WB Bench Scale	WBxxX019	Groups A, B, C, D only	Not Required
					HD	HD050xx HD050xx-x	Groups A, B, C, D only	Not Required
						HD100xx HD100xx-x HD250xx HDxx-x	Groups A, B, C, D, E, F, G	Not Required

Notes

- "x" can be any alphanumeric character and is a variable size, material, capacity, etc., not critical to approval.
- "X" is part of the model number and is fixed.
- Ground kits (with CSA label) are installed by the MTMS facility on the load cell system specified.



Notes



HR



HG



HB-S



MJ33

HR/HG/HB/MJ

Halogen Moisture Analyzers

APPLIED

Standard Features:

- Proven halogen drying
(Infrared drying on MJ33)
- Simple operation
- Rugged construction for production environments
- Large, easy-to-read displays
- Integrated printer models available

Ordering Information**Halogen Moisture Analyzers**

Order Number	Maximum Sample Weight	Minimum Sample Weight	Balance Readability	Drying Adjust Steps	Display	Internal Printer	Shipping Weight (lb)	Suggested List Price (CDN\$)
HR83	81 g	0.1 g	0.001 g	1°C	LCD w/BL	NO	24 lb	\$7,273
HR83P						YES	25 lb	\$7,850
HG63	61 g	0.1 g	0.001 g	5°C	LCD	NO	24 lb	\$5,803
HG63P						YES	25 lb	\$6,363
HB43-S	54 g	0.5 g	0.001 g	1°C	VFD w/BL	NO	23 lb	\$4,052
MJ33	35 g	0.5 g	0.001 g	1°C	VFD w/BL	NO	23 lb	\$3,118

Halogen Moisture Analyzer Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
LC-RS25	RS232-C cable (DB25m/f, 6 ft) - 229050		\$190
LC-RS9	RS232-C cable (DB9f, 6 ft) - 229065		\$208
RS-P42	HB43 Printer		\$875
HA-P43	Printer for HR83/73 and HG63/53		\$702
72456	Printer Paper, set of 5 rolls		\$36
21615	Printer ribbons for HA-P43 (each - minimum order 5)		\$14

AL/PL-S Balances

Classic Light Level



AL



PL-S

APPLIED

Standard Features:

- 7 Segment display w/o backlight
- Weighing capacity to 6100 g, readability 0.01 g to 1 g.
- Resolution up to 15,000d
- 2-RS232 port standard
- Plastic housing, can be protected with in-use cover
- GD hook is standard
- PL-S models are portable design - optional rechargeable battery pack available (order /13 models)
- Multiple Functions:
 - Parts Counting
 - % Dynamic
 - Check weighing
 - Variable increment selection
 - Compatible with SQC14

Ordering Information

AL - Analytical Entry Balance

Order Number	Readability	Capacity	Pan Dimensions	Housing Dimensions	Shipping Weight (lb)	Suggested List Price (CDN\$)
AL54	0.0001 g	51 g	3.5" / 90mm	9.4"x13.2"x14.4"		\$2,203
AL104		110 g				\$2,664
AL204		210 g				\$2,981

PL - Precision Entry Balance

PL303	0.001 g	310 g	3.9 "	9.4"x13.2"x11.3"		\$1,540
PL3002	0.01 g	3100 g	7.1"	9.5"x13.2"x4.4"		\$2,034

PL-S - Compact Precision Entry Balance

PL83-S/03	0.001 g	81 g	3.9 " (100 mm)	8.9"x 7.6"x 5.4"		\$1,320
PL83-S/13						\$1,469
PL202-S/03	0.01 g	210 g	4.7" (120 mm)	8.9"x7.6"x2.6"		\$897
PL202-S/13						\$1,045
PL602-S/03	0.01 g	610 g	6.3" (160 mm)	8.9"x7.6"x2.6"		\$1,320
PL602-S/13						\$1,456
PL601-S/03	0.1 g	610 g	6.3" (160 mm)	8.9"x 7.6"x2.6"		\$856
PL601-S/13						\$984
PL1501-S/03	0.1 g	1510 g	6.3" (160 mm)	8.9"x 7.6"x2.6"		\$979
PL1501-S/13						\$1,106
PL3001-S/03	0.1 g	3100 g	6.3" (160 mm)	8.9"x 7.6"x2.6"		\$1,111
PL3001-S/13						\$1,238
PL6001-S/03	0.1 g	6100 g	6.3" (160 mm)	8.9"x 7.6"x2.6"		\$1,320
PL6001-S/13						\$1,456
PL6000-S/03	1 g	6100 g	6.3" (160 mm)	8.9"x 7.6"x2.6"		\$977
PL6000-S/13						\$1,106

/01 option includes RS232 interface

/03 option includes RS232 interface with special RS interface for auxilliary display (standard)

/13 option includes rechargeable battery plus RS232 interface with special RS interface for auxilliary display (opti

Classic Light Accessories

AL/PL/PL-S Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDNS)
12102970	In-use cover for AL/PL balance		\$60
12102980	In-use cover for PL-S balance		\$44
12102982	Transport case		\$312
11103741	AC Adapter 120 VAC/US		\$116
21254691	ACCU Pac external rechargeable battery pac (15 hours) (Use with AL/PL)		\$391
590101	Anti-theft cable with lock		\$53
224200	Auxiliary display RS/LC-BLD		\$360
11101051	Interface cable RS9 - RS9 (M/F) 1 m length (39")		\$68
11101052	Interface cable RS9 - RS25 (M/F) 1 m length (39")		\$69
21302921	Interface cable RS9 - RS9 (M/M) 1 m length (39")		\$86
LC-P45	Printer, multiple function (includes 3 cables)		\$1,260
RS-P26	Compact printer for Classic balances (includes power and interface cables)		\$710
SQC14/16	SQC printer with 16 article storage (includes 9-pin to 9-pin cable)		\$2,387
SQC14/60	SQC printer with 60 article storage (includes 9-pin to 9-pin cable)		\$3,075

AB/PB Balances

Classic Plus Level



AB-S/FACT



PB-S/FACT

APPLIED

Approvals:

- UL and CE

Standard Features:

- NEW! FACT now included
- Basic level balance with counting, % and dynamic weighing
- Internal calibration for all /FACT models
- Back lighted LCD displays on AB-S/FACT and PB-S/FACT models (except AB135-S/FACT and AB265-S/FACT)
- Second unit switching: g, mg, lb, oz, ozt, GN, dwt, mo, m, tl
- weight unit selection is dependant upon model readability
- RS232-C interface is standard (9-pin female)



- Full metal housing
- MonoBloc Technology
- Low draft shield (6.5" high) with 3 sliding glass doors is standard on all 0.001 g PB-S models and PB8000-S
- Low draft shield optional on other models

Ordering Information

AB - Analytical Balance

Order Number	Readability (g)	Capacity (g)	Pan Dimensions	Housing Dimensions	Shipping Weight (lb)	Suggested List Price (CDN\$)
AB54-S/FACT	0.0001g	51 g	3.2" (80 mm)	9.6"x12.6"x13.5"		\$2,640
AB104-S/FACT		110 g				\$3,148
AB204-S/FACT		220 g				\$3,549
AB304-S/FACT		320 g				\$4,796
AB135-S/FACT ¹	0.01mg/0.1mg	31g/120g	3.2" (80 mm)	9.6"x12.6"x13.5"		\$4,492
AB265-S/FACT ¹		61g/220g				\$5,549

PB-S/FACT - Precision Balance

Order Number	Readability (g)	Capacity (g)	Pan Dimensions	Housing Dimensions		Suggested List Price (CDN\$)
PB153-S/FACT	0.001 g	151 g	4" dia.	10" x 13" x 9"		\$2,081
PB303-S/FACT		310 g				\$2,202
PB403-S/FACT		410 g				\$2,580
PB503-S/FACT		510 g				\$3,043
PB602-S/FACT	0.01 g	610 g	7" dia.	10" x 13" x 4"		\$1,679
PB1502-S/FACT		1510 g				\$2,020
PB3002-S/FACT		3100 g				\$2,298
PB4002-S/FACT		4100 g				\$2,501
PB1501-S/FACT	0.1g	1510 g	7" dia.	10" x 13" x 4"		\$1,514
PB3001-S/FACT		3100 g				\$1,720
PB5001-S/FACT		5100 g				\$2,068
PB8001-S/FACT		8100 g				\$2,374
PB8000-S/FACT	1 g	8100 g	7" x 7"	10" x 13" x 4"		\$1,573
PB303-SDR/FACT ²	0.01 g/0.001 g	60 g/310 g	4" dia.	10" x 13" x 9"		\$1,977
PB3002-SDR/FACT ²	0.1 g/0.01 g	600 g/3100 g	7" dia.	10" x 13" x 4"		\$1,977

¹ DU = Dual Range models

² DR = DeltaRange models

Stocked to ensure 24 hour delivery on up to 10 identical units



SB



SB Scales

Classic Plus Level

APPLIED

Approvals:

- UL and CE

Standard Features:

- Basic level balance with standard counting software
- LCD display
- Percentage weighing
- MonoBloc Technology
- RS232-C interface is standard (9-pin female)
- Second weight unit selection

Accessories:

- Below balance weighing is available with option 21301097

Ordering Information**SB - Standard Basic Balance**

Order Number	Readability (g)	Capacity (g)	Platform Dimensions	Terminal Dimensions	Shipping Weight (lb)	Suggested List Price (CDN\$)
SB8001	0.1 g	8100 g	14" x 9"	15" x 13" x 3.6"		\$2,664
SB12001		12,100 g				\$2,923
SB16001		16,100 g				\$3,395
SB8000	1 g	8100 g	14" x 9"	15" x 13" x 3.6"		\$1,848
SB16000		16,100 g				\$2,500
SB32000		32,100 g				\$3,267
SB16001DR *	0.1 g/1 g	3200 g/16,100 g	14" x 9"	15" x 13" x 3.6"		\$2,797
SB24001DR *		4800 g/24,100 g				\$3,273
SB32001DR *		6400 g/32,100 g				\$3,660

* DR = DeltaRange models

PB/SB Scales

Classic Plus Level

Trade Approved



PB-S/A-F



SB

APPLIED

Approvals:

- Certificate #99-133 (Dual approval, USA and CSA)
- SB NTEP Certificate #94-022 (Approved for USA only)
- For SB use in Canada, must order as SB/A(CA110v)
- UL and CE



Standard Features:

- Classic level balance
- LCD display
- MonoBloc Technology
- RS232-C interface standard on all PB-S/A scales (9-pin female)
- Low draft shield standard on PB153 and PB303 models
- NTEP approved for trade use
- Percentage weighing on SB and PB-S/A models
- Standard counting software on PB-S/A and SB
- Internal calibration weight on all -F models

Ordering Information

PB-S - Precision Balance (Approved)

Order Number	Readability (g)	Capacity (g)	Pan Dimensions	Housing Dimensions	Shipping Weight (lb)	Suggested List Price (CDN\$)
PB153-S/A-F	0.001 g	151 g	4" dia.	10" x 13" x 9"		\$2,232
 PB303-S/A-F		310 g				\$2,224
PB602-S/A-F	0.01 g	610 g	7" dia.	10" x 13" x 4"		\$2,050
PB1502-S/A-F		1510 g				\$2,148
PB3002-S/A-F		3100 g				\$2,392
PB4002-S/A-F		4100 g				\$2,747
 PB1501-S/A-F	0.1 g	1510 g	7" dia.	10" x 13" x 4"		\$1,659
 PB3001-S/A-F		3100 g				\$1,855
 PB5001-S/A-F		5100 g				\$2,202
PB8001-S/A-F		8100 g				\$2,495
PB303-SDR/A-F *	0.001 g/0.01 g	60 g/310 g	4" dia.	10" x 13" x 9"		\$2,380
PB3002-SDR/A-F *	0.01 g/0.1 g	600 g/3100 g	7" dia.	10" x 13" x 4"		\$2,288

SB - Standard Balance (Approved)

Order Number	Readability (g)	Capacity (g)	Platform Dimensions	Terminal Dimensions	Shipping Weight (lb)	Suggested List Price (CDN\$)
SB8001/A	0.1 g	8100 g	14" x 9"	15" x 13" x 3.6"		\$2,808
SB12001/A		12,100 g				\$2,947
SB16001/A		16,100 g				\$3,520
SB16000/A	1 g	16,100 g	14" x 9"			\$2,567
SB32000/A		32,100 g				\$3,204
SB16001DR/A *	0.1 g/1 g	3200 g/16,100 g	14" x 9"	15" x 13" x 3.6"		\$2,936
SB24001DR/A *		4800 g/24,100 g				\$3,243
SB32001DR/A *		6400 g/32,100 g				\$3,787

* DR = DeltaRange models

 Built to order product. Lead time is 2-3 weeks.

Classic Plus Level Accessories

Calibration Weights			Suggested List Price (CDNS)
Order Number	Description		
11123461	100 g, Class 1, Plastic Case		\$95
11123462	200 g, Class 1, Plastic Case		\$143
11123464	1000 g, Class 1, Plastic Case		\$411
11123465	2000 g, Class 1, Plastic Case		\$644
11123466	5000 g, Class 1, Plastic Case		\$968
Printers			
 LC-P45	Versatile Printer (LocalCAN/RS232 -C) incl. LC-LC1 (229161) and RS9m-RS9f (11101051)		\$1,260
RS-P42	Standard Dot Matrix Printer, RS232 (for use with PB-S, XS, and XP)		\$875
RS-P25	Compact Printer (Basic) for Classic Balances (includes Cables)		\$517
RS-P26	Compact Printer (with Time & Date) for Classic Balances (includes Cables)		\$710
RS-P28	Compact Printer (with Statistics & Totalizing) for Classic Balances (includes Cables)		\$776
72456	Printer Paper for SQC 14, GA42, LC-P45, 43, RS-P42 Printers (Set of 5)		\$36
21615	Ink Ribbon for LC-P45, 43, RS-P42 (Each - minimum order 5)		\$14
12120799	Printer Paper for RS-P25/26/28 (Set of 5)		\$14
12120798	Ribbon Cartridge for RS-P25/26/28 (Black)		\$22
RS232-C Cables			
11101051	RS232-C Cable 9-pin male to 9-pin female (3 ft)		\$68
11101052	RS232-C Cable 9-pin male to 25-pin female (3 ft)		\$69
22006795	SICS Cable - Used to connect PB-s to ID7, XS, or XP (SICS Scale)		\$163
LocalCAN Universal Interface			
LC-B	LocalCAN interface (only for use with SB) contains version 1.41 software cassette. Not for use with IDNet. (RS communications only)		\$503
229225	IDNet-B Cable to connect LC-B interface to ID7 (SB models only) contains the LC-B interface with 1.31 version IDNet software		\$714
Auxiliary Display			
224200	RS/LC-BLD: Auxiliary backlit LCD display, RS232- C and LocalCAN		\$360
AB-S/PB-S/SB Accessories			
11103683	Low Draft Shield (Height: 141 mm); opt. for 0.01/0.1 g PB-S Balances; requ. 11103680 Weigh		\$360
11137468	Low Draft Shield (Height: 165 mm); opt. for all PB-S Balances; 0.01/0.1 g requ. 11103680 Weigh		\$384
11103682	High Draft Shield (Height: 237 mm); opt. for 0.001/0.001/0.1 g PB-S Balances; 0.01/0.1 g Models requ. 11103680 Weigh Pan		\$388
11103680	Optional 175 mm Weighing Pan required for 0.01/0.1 g PB-S Balances using Draft Shields		\$151
21301097	Below-balance Weighing Hanger (SB Models)		\$54
590101	Anti-theft Device, Cable Lock		\$53
PP-B10	Battery for SB Balances (approx. 10 hrs of Operation)		\$322
21254691	AccuPac PB-S Battery (8-15 hrs of Operation, 5 ft Cable)		\$391
21254689	AccuPac SB Battery (8-15 hrs of Operation, 5 ft Cable)		\$362
230018	In-use Cover for SB8001 / 12001 / 16001 / 16001DR / 8000 / 16000		\$37
11135408	In-use Cover for AB-S Models		\$36
11103681	In-use Cover for PB-S Balances (Set of 1)		\$37
230019	In-use Cover for SB24001DR, SB32000, SB32001DR		\$37
11103834	Carrying Case for AB-S Models (Room for 237 mm Draft Shield)		\$922
11101050	Carrying Case for PB-S (Room for Balance, AccuPac, "mg" Draft Shield and Weight)		\$785
228064	AC Adapter 115VAC for PB/SB		\$141
11103741	AC Adapter 115VAC for PB-S		\$116
SQC14/16	SQC Printer with 16 Article Storage (includes 9-pin to 9-pin Cable)		\$2,387
SQC14/60	SQC Printer with 60 Article Storage (includes 9-pin to 9-pin Cable)		\$3,075
21900921	Cable required for SQC Controller/Printers and LV11		\$294

 Stocked to ensure 24 hour delivery on up to 10 identical units

XS Scales

Excellence Level



APPLIED

Standard Features:

- Die cast aluminum base
- Monobloc^{HighSpeed} weighing cells
- Stainless steel weighing pan with draft ring or draft shield
- Touch screen backlit graphics display
- IP54 in-use dust and moisture protection
- FACT automatic calibration adjustment
- RS232C interface and two AUX inputs built in
- Plug-in module for optional second interface available
- Magic Cube draft shield (0.001 g models only) *
- Protective cover for terminal and weighing platform
- Spring-loaded leveling feet (0.01 g and 0.1g models)
- Power supply connection with AC/DC adapter
- Below balance weighing hook standard on "S" sizes
- Display different weighing units
- Tare over the entire weighing range
- Download software via the Internet
- Density determination
- Dynamic/animal weighing
- Formula-weigh and totalizing
- Display statistics
- Display percentage weighing (%)
- Alphanumeric sample ID
- Communicate in 7 different languages
- Create 3 IDs per sample documentation per GxP
- Built-in overload protection

Ordering Information

XS Scales - S frame

Order Number	Readability (g)	Capacity (g)	Pan Dimensions (W x D in)	Housing Dimensions (W x D x H in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
XS203S	0.001 g	210 g	5" x 5"	7.6" x 15.4" x 10.9"		\$3,583
XS403S		410 g				\$3,784
XS603S		610 g				\$3,942
XS1003S		1010 g				\$4,515
XS802S	0.01g	810 g	6.7" x 8.1"	7.6" x 15.4" x 3.8"		\$2,998
XS2002S		2100 g				\$3,321
XS4002S		4100 g				\$3,644
XS6002S		6100g				\$3,989
XS4001S	0.1g	4100 g	7.5" x 8.8"			\$2,688
XS6001S		6100 g				\$2,928
XS8001S		8100 g				\$3,166

XS Scales - M frame

XS6001M	0.1g	6100 g	9.3" x 9.3"	9.4" x 16.5" x 4.3"		\$3,405
XS10001M		10,100 g				\$3,703
XS16001M		16,100 g				\$4,825
XS10000M	1g	10,100 g				\$2,867
XS16000M		16,100 g				\$3,572

XS Scales - L frame

XS8001L	0.1 g	8100 g	11.0" x 14.2"	14.2" x 11.0" x 5.1"		\$3,882
XS16001L		16,100 g				\$5,026
XS32001L		32,100 g				\$5,913
XS16000L	1 g	16,100 g				\$3,797
XS32000L		32,100 g				\$4,025

XS - Delta Range Models

XS603SDR	0.001 g/0.01 g	120 g/610 g	5" x 5"	7.6" x 15.4" x 10.9"		\$3,548
XS4002SDR	0.01 g/0.1 g	800 g/4100 g	6.7" x 8.1"	7.6" x 15.4" x 3.8"		\$3,189
XS6002SDR		1200 g/6100 g				\$3,405
XS6001MDR	0.1 g/1.0g	1200 g/6100 g	9.3" x 9.3"	9.4" x 16.5" x 4.3"		\$2,890
XS32001LDR	0.1 g/1 g	6400 g/32,100 g	11.0" x 14.2"	14.2" x 11.0" x 5.1"		\$4,748



XP Scales

Excellence Plus Level

APPLIED

Standard Features:

- SmartScreen: color graphical display with touchscreen operation
- SmartSens and ErgoSens: Two sensors for hands-free operation
- StatusBar: Two displays to visualize SmartSens functionality
- Individual access rights for eight users
- Spring loaded stabilizing feet for all 0.01 and 0.1 g models
- Freely positionable Indicator
- All XP models equipped with ProFACT (Automatic internal calibration)
- Built in RS232 Interface.
- Slot for second interface and two switch contacts
- IP54 protection against intrusion by water and dust
- Advanced MonoBloc Technology (MonoBloc^{highspeed})
- Protective cover for XP terminal
- Below balance weighing hook is standard on all XP models

All Models Can:

- Download software via the Internet
- Display different units of weight
- Display statistics with +/-, %
- Communicate in seven languages
- Alphanumeric Identification
- 4 IDs per sample
- Communicate wirelessly to BT P42 printer

Ordering Information**XP scales - S frame**

Order Number	Readability (g)	Capacity (g)	Pan Dimensions (W x D in)	Housing Dimensions (W x D x H in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
XP203S	0.001 g	210 g	5" x 5"	7.6" x 15.4" x 10.9"		\$4,869
XP603S		610 g				\$5,791
XP1203S		1210 g				\$6,746
XP802S	0.01 g	810 g	6.7" x 8.1"	7.6" x 15.4" x 3.8"		\$3,933
XP1202S		1210 g				\$4,303
XP4002S		4100 g				\$4,893
XP6002S		6100 g				\$5,308
XP8002S		8100 g				\$6,037
XP10002S		10,100 g				\$6,591
XP4001S	0.1 g	4100 g	7.5" x 8.8"			\$3,608
XP6001S		6100 g				\$4,007
XP8001S		8100 g				\$4,408
XP10001S		10,100 g				\$4,684
XP603SDR *	0.001 g/0.01 g	120 g/610 g	5" x 5"	7.6" x 15.4" x 10.9"		\$4,992
XP2003SDR *		500 g/2100 g				\$6,679
XP5003SDR *		1000 g/5100 g				\$7,489
XP4002SDR *	0.01 g/0.1 g	800 g/4100 g	6.7" x 8.1"	7.6" x 15.4" x 3.8"		\$4,140
XP6002SDR *		1200 g/6100 g				\$4,306
XP10002SDR *		2000 g/10,100 g				\$5,607

* DR = DeltaRange models

Built to order product. Lead time is 2-3 weeks.

XP Scales - Excellence Plus Level



XP scales - M frame

Order Number	Readability (g)	Capacity (g)	Pan Dimensions (W x D in)	Housing Dimensions (W x D x H in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
XP8001M	0.1 g	8100g	9.3" x 9.3"	9.5" x 16.5" x 4.3"		\$4,648
XP12001M		12100g				\$5,099
XP16001M		16100g				\$5,647
XP20001M		20100g				\$6,213
XP12000M	1 g	12100g				\$4,697
XP20000M		20100g				\$4,855
XP6002MDR	0.01 g/0.1 g	1200 g/6100 g				\$5,299
XP12002MDR *		2400 g/12,100 g				\$6,617
XP8001MDR *	0.1 g/1 g	1800 g/8100 g				\$3,971
XP16001MDR *		3200 g/16,100 g				\$5,043

XP scales - L frame

Order Number	Readability (g)	Capacity (g)	Pan Dimensions (W x D in)	Housing Dimensions (W x D x H in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
XP8001L	0.1 g	8100 g	11.0" x 14.2"	14.2" x 11.0" x 5.1"		\$5,032
XP16001L		16,100 g				\$5,766
XP32001L		32,100 g				\$7,381
XP64001L		64,100 g				\$9,904
XP16000L	1 g	16,100 g				\$4,910
XP32000L		32,100 g				\$5,291
XP64000L		64,100 g				\$7,628
XP32001LDR *	0.1 g/1 g	6400 g/32,100 g				\$6,275

* DR = DeltaRange models



X Bases

Excellence Platform Only

APPLIED

Standard Features:

- Die cast aluminum base
- Monobloc^{HighSpeed} weighing cells
- Stainless steel weighing pan with draft ring or draft shield
- IP54 in-use dust and moisture protection
- FACT automatic calibration adjustment

- RS232C interface and two AUX inputs built in
- Plug-in module for optional second interface available
- Magic Cube draft shield (only 0.001 g models)*
- Spring-loaded leveling feet (0.01 g and 0.1 g models)
- Software upgrade via internet

Options:

- Simple draft shield (0.01 g and 0.1 g models)
(0.1 g models require 11132660 pan set)

Notes:

- X Bases require a terminal with SICS scale interface

Ordering Information**X-Platform - S frame**

Order Number		Readability (g)	Capacity (g)	Pan Dimensions (W x D in)	Housing Dimensions (W x D x H in)	Shipping Weight (lb)	Suggested List Price (CDN\$)	
	X203S	0.001 g	210 g	5" x 5"	7.6" x 10.1" x 10.9"		\$2,560	
	X603S		610 g				\$2,955	
	X1203S		1210 g				\$4,052	
X1202S		0.01 g	1210 g	6.7" x 8.1"	7.6" x 10.1" x 3.8"		\$2,269	
X2002S			2100 g				\$2,395	
X4002S			4100 g				\$2,649	
X6002S			6100 g				\$3,058	
X8002S			8100 g				\$3,503	
X10002S			10,100 g				\$3,975	
X4001S		0.1 g	4100 g	7.5" x 8.8"			\$1,733	
X6001S			6100 g				\$1,873	
X8001S			8100 g				\$2,166	
X10001S			10,100 g				\$2,511	
X603SDR		0.001 g/0.01 g	120 g/610 g	5" x 5"		7.6" x 10.1" x 10.9"		\$2,523
X2003SDR			500 g/2100 g					\$3,936
X5003SDR			1000 g/5100 g					\$4,573
X6002SDR		0.01 g/0.1 g	1200 g/6100 g	6.7" x 8.1"		7.6" x 10.1" x 3.8"		\$2,599
X10002SDR			2000 g/10,100 g					\$3,364

¹ Includes Magic Cube Draft Shield * DR = DeltaRange models

Built to order product. Lead time is 2-3 weeks.

X Bases - Excellence Plus Level



X-platform - M frame

Order Number	Readability (g)	Capacity (g)	Pan Dimensions (W x D in)	Housing Dimensions (W x D x H in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
X8001M	0.1 g	8100 g	9.3" x 9.3"	9.4" x 10.9" x 4.3"		\$2,496
X12001M		12,001 g				\$2,868
X20001M		20,100 g				\$3,758
X12000M	1.0 g	12,100 g				\$2,103
X20000M		20,100 g				\$2,764
X12002MDR *	0.01 g/0.1 g	2400 g/12,100 g				\$3,975

X-platform - L frame

Order Number	Readability (g)	Capacity (g)	Pan Dimensions (W x D in)	Housing Dimensions (W x D x H in)	Shipping Weight (lb)	Suggested List Price (CDN\$)
X16001L	0.1 g	16,100 g	11.0" x 14.2"	11.0" x 14.2" x 5.1"		\$3,913
X32001L		32,100 g				\$4,442
X64001L		64,100 g				\$5,771
X32000L	1.0 g	32,100 g				\$3,211

* DR = DeltaRange models

Excellence Level Accessories

XS/XP Second Interface Options			Shipping Weight (lb)	Suggested List Price (CDN\$)
Order Number	Description			
11132515	Ethernet Option, second interface option			\$328
11120001	e-Link interface to convert RS232 output option to Ethernet			\$1,042
11120003	e-Link interface to convert RS232 output option to Ethernet (IP65 protection)			\$1,291
11132520	PS/2 option, second interface option			\$197
11132500	RS232C option, second interface option			\$170
11132505	LocalCan option, second interface option			\$170
11132510	MiniMettler option, second interface option (PM emulation) - not for X base			\$189
11132530	Bluetooth™ multiport option (up to 7 BT devices)			\$437
11132535	Bluetooth™ interface, point-to-point			\$197
Application Software and Peripherals				
237010nt	Balance Link Spreadsheet software (Vista/Win XP/Win 2000)			\$696
LV-11	Vibratory tablet feeder - 21900392 (XP only)			\$6,159
SQC14/16	SQC printer with 16 article storage (includes 9-pin to 9-pin cable)			\$2,387
SQC14/60	SQC printer with 60 article storage (includes 9-pin to 9-pin cable)			\$3,075
21900921	SQC14 to LV11 cable			\$294
SQC-XP	Statistical software for XP balances			\$3,212
Input/ Output Devices				
11132601	ErgoSens programmable sensor for hands-free operation, 0.6 m cable			\$197
LC-I/O	Relay Interface with digital inputs and outputs. Can switch 8 different devices			\$1,289
229220	LC Switch box: Connect up to three balances with LocalCan interface to a printer			\$235
21901297A	RS232 Barcode Scanner (MT Heron-G D130)			\$988
Cables for RS232 Interface				
11101051	RS232 connection cable for RS-P42 Printer or PC (1m)			\$68
11101052	RS232 connection cable for IBM XT or compatible computer (1m)			\$69
21302921	RS232 connection cable for devices with DB9 socket (1 m)			\$86
210493	RS232 connection cable for MiniMettler Interface (1.5 m)			\$142
Auxiliary Displays				
224200	RS/LC-BLD: Auxiliary display with RS232/LC connection and external power supply			\$360
11132630	RS/LC-BLDS: Auxiliary display with RS232/ LC connection			\$537
11132555	BT-BLD: Bluetooth auxiliary display for connection with BTS interface			\$579
LC-AD	Auxiliary fluorescent display			\$511
LC-ADS	Auxiliary fluorescent display with table stand			\$557
LC-PD	Auxiliary LCD display, desk or wall-mount (5 ft cable) - 229100			\$418
LC-PDS	Auxiliary LCD display, 16.25" high stand for mounting to balance - 229070			\$465
Printers				
RS-P42	Printer with RS232 connection Cable			\$875
BT-P42	Printer for Bluetooth wireless connection to the balance			\$942
LC-P45	Printer (LocalCAN/RS232-C) includes 2 cables: 229116 and 11101051			\$1,260
72456	Printer Paper for LC-P45, (set of 5)			\$36
21615	Ink Ribbon for LC-P45, (each - minimum order 5)			\$14
LC-P43	Basic printer (LocalCAN) includes cable - 229114			\$864
Calibration Weights				
11123461	100 g, Class 1, Plastic Case			\$95
11123462	200 g, Class 1, Plastic Case			\$143
11123464	1000 g, Class 1, Plastic Case			\$411
11123465	2000 g, Class 1, Plastic Case			\$644
11123466	5000 g, Class 1, Plastic Case			\$968

Excellence Level Accessories

XS/XS/XP Scale Accessories			
Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDNS)
11132565	Below balance weighing hook for M and L sizes (standard in S sizes)		\$88
11132680	Density kit for 0.001 g models		\$725
11132070	IP54 protective cover for AC adapter		\$172
XS/XP Terminal Options			
11132636	Terminal stand; places terminal 30cm above pan (S/M frames)		\$231
11132665	Terminal wall bracket		\$231
11132601	ErgoSense, optical sensor for hands-free operation		\$197
11106870	XS terminal cover for S & M bases		\$36
11132573	XS terminal cover for L bases (covers platform and terminal)		\$66
XS/XP Accessories			
LC-RS25	RS232-C cable (DB25m/f, 6 ft) - 229050		\$190
LC-RS9	RS232-C cable (DB9f, 6 ft) - 229065		\$208
LC-RS9-C	RS232-C cable (DB9m, 6 ft) - 21300787		\$184
LC-CL	Current loop cable (6 ft) - 229130		\$175
LC-FS	Foot switch - 229060		\$374
LC-LC2	Extension cable (6 ft) - 229115		\$71
LC-LC5	Extension cable (16 ft) - 229116		\$79
LC-LCT	T branch piece - 229118		\$84
LC-LC03	Extension cable (1 ft) - 239270		\$46
XS/XP Miscellaneous Accessories -- Draft shields, anti theft devices, carrying cases, in-use covers			
11131650	Magic Cube draft shield, plastic for 0.001 g models		\$279
11131651	Pro draft shield, glass for 0.001 g models (248 mm high)		\$643
11131652	Pro draft shield, plastic for 0.001 g models (248 mm high)		\$849
11134430	Whole balance draft shield, 300x450x450		\$1,236
11134470	Whole balance draft shield, 550x470x580		\$2,766
11131653	Simple draft shield for 0.01 g/0.1 g models (175 mm high)		\$472
11132660	Pan set (required to adapt 0.1 g models to simple draft shield)		\$165
11132636	Stand for Terminal ; Terminal height above platform = 0.3 m (S and M sizes)		\$231
11132653	Stand for Terminal ; Terminal height above platform = 0.3 m (L size)		\$303
11132665	Wall fixture for XS/XP Terminal		\$231
11600517	Terminal extension cable (4.5 m)		\$79
11132625	Magnetic Protection Shield (MPS) pan for 0.1 g models, 190 x 223 mm		\$231
11132626	Magnetic Protection Shield (MPS) pan for 10 mg models, 170 x 205 mm		\$231
11600361	Anti theft device, cable lock		\$147
11132595	Carrying case for XP balances with 10 mg and 0.1g readability (S size)		\$594
11132655	Weighing pan 190 mm x 223 mm (pan support included)		\$165
11132660	Weighing pan 170 mm x 205 mm (pan support and draft shield element included)		\$165
11132572	Protective cover for XS M platforms, 0.1g and 1g		\$69
11132574	Protective cover for XM base only		\$49
11132570	In-use display cover for XP terminal		\$43
11133034	In-use housing cover for XP 10 mg/0.1 g models (set of 1)		\$50
5192	Marble table		\$2,170
5193	Marble slab		\$362
21900882	AC Adapter 115 volts USA		\$250
11132550	IP54 AC adapter protection for XS/XP		\$108



XIS

**XIS****Standard Indicator
Single Load Cell****ECONOMY****Approvals:**

- NTEP, COC #06-049
- UL, FCC, ISO9001

Standard Features:

- 6-digit bright red LED, 12 mm (1/2 in) height
- Drives one 350 Ohm load cell with a maximum capacity of 1,000 lb
- Up to 12,500d display resolution
- IP65 / NEMA 4X dustproof and waterproof enclosure
- Selectable lb, kg, oz
- Over/Under and alarm feature
- Wall/desk mounting bracket (included)

Ordering Information**Standard Indicator XIS**

Order Number	Model	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207670	XIS Standard Indicator - Single Load Cell	6.6 lb	\$374

XIF

Standard Indicator Multiple Load Cell

ECONOMY

Approvals:

- NTEP, Class III/III L, 5000d, COC #99-054A3
- UL, FCC, ISO9001

Standard Features:

- 6-digit high contrast LCD, 25 mm (1 in) tall
- Drives up to four 350 Ohm load cells
- Up to 10,000d display resolution
- IP65 / NEMA 4X dustproof and waterproof enclosure
- Selectable lb, kg
- AC or Battery operation (six "C" size batteries)
- Auto Zero Maintenance (AZM)
- Auto Zero Capture (AZC)
- RS232 interface (internal)
- Wall/desk mounting bracket (included)

Ordering Information

Standard Indicator XIF

Order Number	Model	Shipping Weight (lb)	Suggested List Price (CDN\$)
71208032	XIF Standard Indicator - Multiple Load Cell	7.7 lb	\$703





IND130

Smart Weight Transmitter

COMMERCIAL

Approvals:

- UL, cUL, CE approved
- Not legal for trade approved

Environmental Protection:

- DIN rail version - IP20
- Harsh version - IP65

Standard Features:

- Converts analog strain gage load cell signal to digital signal
- Suitable for PC or PLC applications
- Uses industry standard connectivity
- Powers up to four 350Ω load cells
- Features CalFREE™ for fast and easy setup without test weights
- Traditional calibration methods supported
- Programmable setpoint and zero tolerance
- Remote zero Input
- TraxDSP™ digital filtering
- PC Toolbox Software included for configuration or download InSite Software
- Requires an isolated Class 2 rated, 24 VDC Power Supply (available separately)

Options:

- DIN rail version for standard 35 mm DIN rail meeting IP20 environmental protection standards
- Harsh version in a stainless enclosure meeting IP65 environmental protection standards
(Harsh Version includes a 4-Channel Analog Summing Board)

Ordering Information**IND130 (external power supply required)**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
IND13011	DIN Version, PROFIBUS DP Interface		\$1,061
IND13012	DIN Version, ALLEN-BRADLEY RIO Interface		\$1,061
IND13013	DIN Version, RS232 Serial Interface		\$788
IND13021	Harsh Version, PROFIBUS DP Interface		\$1,309
IND13022	Harsh Version, ALLEN-BRADLEY RIO Interface		\$1,309
IND13023	Harsh Version, RS232 Serial Interface		\$1,038

IND130 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
64053820	Power Supply, 85 - 264 VAC, 24 VDC at 1.0 amps		\$163
64054361	Profibus DP Connector		\$55

IND221 / IND226

Weighing Terminals



IND221



IND226

COMMERCIAL

Approvals:

- NTEP Class III/IIIL 10,000d
- Measurement Canada Approval: Class III 10,000d #AM-5646

Standard Features:

- Bright green, 6-digit, 1.2 in LED weight display
- Supports four analog 350Ω load cells (5VDC excitation)
- Single Serial RS232 Port
- One-touch keys for clear, tare, print, zero, and function

IND221 features:

- IP54 ABS plastic Enclosure
- Adjustable SS wall/Column Mounting Bracket
- Both models include detachable AC Power Supply cord
- Base model offers 4-C cell battery power operation
- Optional NiMH rechargeable battery

Software Application Modes:

- Basic Weighing with momentary (20 seconds) x10 display
- Over/Under Checkweighing Software built-in
- Counting Software built-in

IND226 features:

- IP65 SS Enclosure
- Adjustable SS wall/Column Mounting Bracket
- Universal power supply (100-240 VAC)
- Optional NiMH battery Option

Ordering Information

IND221 / IND226

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
72183995	IND221, ABS plastic Enclosure, RS232, AC line cord or 4-C cell battery operation		\$608
72183997	IND221, ABS plastic Enclosure, RS232, AC line cord or NiMH battery operation		\$777
72183987	IND226, Stainless Steel Enclosure, RS232, universal power supply (100-240 VAC)		\$721
72183989	IND226, Stainless Steel Enclosure, RS232, NiMH rechargeable battery		\$890

IND221 / IND226 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
72189972	NiMH rechargeable battery, IND221, IND226		\$175
72189973	NiMH rechargeable PCB for IND221 (NiMH battery 72189972 not included)		\$109
72189971	NiMH rechargeable PCB for IND226 (NiMH battery 72189972 not included)		\$109
71210304	RS232 Cable, 150 mm/6 in		\$110
72207579	Weights and Measures sealing kit (wire, neutral sticker, METTLER TOLEDO sticker)		\$5.50

IND221 / IND226 Documentation

72182837A	Service Manual (English)	\$8.25
72182839A	User Guide (Multi-lingual)	\$18.15
IN03463.OE	Literature (English)	\$0.00



IND425



IND4x5

Weighing Terminals

Approvals:

- NTEP Class III, IIL 10,000d; Class II 100,000d, COC #05-010
- Measurement Canada Approval: Class III 10,000d #AM-5388

IND425 Standard Features:

- One analog scale Interface
- Drives up to four 350 Ohm load cells

(Note: The IND425 does not feature counting Software)

- Die-cast aluminum housing
- Fast LCD display with back-light

- Bi-directional RS232 Interface
- IP65/TYPE 4 environmental protection

IND435 Count Standard Features:

- One analog scale Interface
- Drives up to four 350 Ohm load cells
- Die-cast aluminum housing
- Fast LCD display with back-light
- Bi-directional RS232 Interface

IND445 Count + Standard Features:

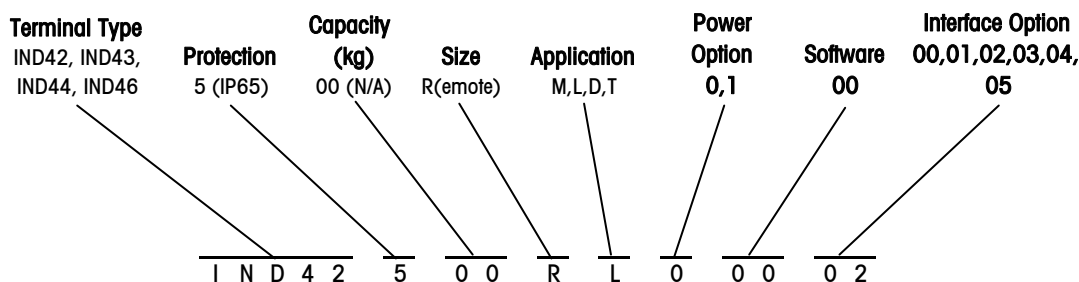
All IND435 Count features plus:

- Accumulation and Time & Date
- Numeric Keypad for APW, or manual tare
- 2 numeric identification number
- 100 memory locations

IND465 Smart + Standard Features:

All IND445 Count + features plus:

- 1500 memory locations
- 3 RS232 Interfaces
- PS2 port for barcode or keyboard
- Configurable soft keys

IND4x5 Model Configuration**Ordering Information****4 Series Remote**

Order Number	Application Software	Internal Resolution	NTEP Class III/IIL Resolution	NTEP Class III/IIL Resolution	Overall Dimensions	Shipping Weight (lb)	Suggested List Price (CDN\$)
COMMERCIAL							
IND42500RM	Basic	300,000d	10,000d	N/A	10.9" x 7.9" x 2.8"	6 lb	\$741
IND43500RL	Count	300,000d	10,000d	100,000d			\$916
IND44500RD	Count +	300,000d	10,000d	100,000d			\$1,163

APPLIED

IND46500RT	Smart +	300,000d	10,000d	100,000d	10.9" x 7.9" x 2.8"	6 lb	\$1,707
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Power Option

Order Number	Description	Applicable Models	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	None	M, L, D, T		\$0
1	30 hour NiMH rechargeable battery pack	M, L, D, T	2 lb	\$330

Software Option (choose one only)

00	None	M, L, D, T		\$0
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IND4x5

Second Interface Option (choose one only)

Order Number	Description	Appl/Cable Models	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	None	M,L,D,T		\$0
01	RS232	M,L,D		\$165
02	Digital I/O	M,L,D,T		\$440
03	RS485	M,L,D,T		\$440
04	USB (slave)	M,L,D,T		\$440
05	Ethernet (not IP65 environmentally protected)	M,L,D,T		\$440
06	Analog second scale Interface	L,D,T		\$303
07	Analog second scale Interface and digital I/O	T		\$743
08	Analog second scale Interface and RS485	T		\$743
09	Analog second scale Interface and USB (slave)	T		\$743
10	Analog second scale Interface and Ethernet	T		\$743

IND4x5 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22013159	30 hour NiMH rechargeable battery pack kit		\$330
21255045	IND4x5 Terminal protective cover		\$18
21203903	W&M sealing kit (required kit for preparing IND425 for legal-for-trade)		\$49

IND4x5 Documentation

22011473	IND4x5 Installation Information (English)		\$8.25
22013192	IND425 User Manual (English)		\$8.25
22013193	IND435 User Manual (English)		\$8.25
22013194	IND445 User Manual (English)		\$8.25
22013195	IND465 User Manual (English)		\$8.25
22011358	BBx4xx / IND4x5 Service Manual (English)		\$14.85
22013407	IND4x5 Literature (English)		\$0.00



PANTHER PANEL



PANTHER HARSH



PANTHER®

Weighing Terminal

COMMERCIAL

Approvals for PANTHER PANEL

- NTEP Class III/III L, 10,000d, COC #96-125;
- Measurement Canada Approval #AM-5162, Class III, 10,000d
- TYPE 4, IP65 (when installed in suitable panel or Enclosure)

Hazardous Approval: Panel Mount only

- USA Factory Mutual approved for Class I, II & III, Division 2, Groups A, B, C, D, F & G (Group. "E" excluded), when installed in a suitable dust tight Enclosure and installed per METTLER TOLEDO documentation. Does not carry Canadian approval.
- Display: 7-digit, 7-segment vacuum fluorescent display

Standard Features:

- 100, 120, or 230 VAC
- RS232-C Serial Output
- Zero, Function, Tare, Print, Clear, and Memory keys
- TRAX DSP™ filtering

Accessories:

- Interface Option

Approvals for PANTHER HARSH

- NTEP Class III/III L, 10,000d COC #96-125;
- Canadian approval #AM-5162, Class III, 10,000d

- Environmental Protection: TYPE 4X, IP65

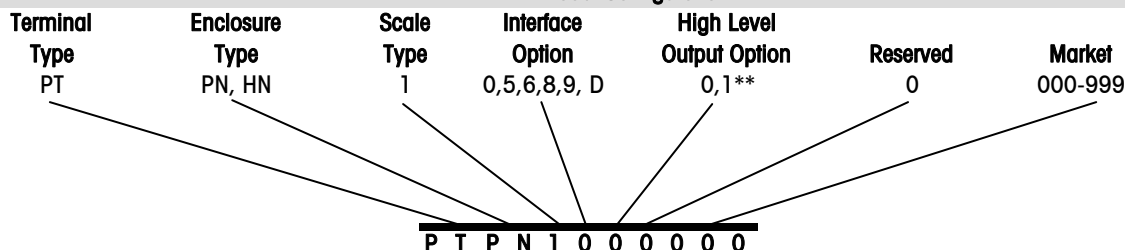
- Display: 7-digit, 7-segment vacuum fluorescent display

Standard Features:

- 100, 120, or 230 VAC
- RS232-C serial output
- Zero, Function, Tare, Print, Clear, and Memory keys
- TRAX DSP™ filtering

Accessories:

- Interface options

PANTHER Model Configuration**Ordering Information****PANTHER**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
PTPN	Panel-mount with numerical display	4.5	\$1,088
PTHN	Harsh environment with numerical display	5.5	\$1,043

PANTHER Scale Option

1	Analog load cell scale Interface		\$0
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PANTHER Interface Option

0	No Output Option		\$0
5	MODBUS® PLUS Interface*		\$468
6	ALLEN-BRADLEY™ RIO Interface*		\$468
8	Analog Output (0-10 V or 4-20 mA)*		\$468
9	PROFIBUS DP Interface*		\$468
D	DeviceNet Interface*		\$468

*Cannot be used with a PANTHER powering more than four 350Ω analog load cells.

PANTHER High Level Output Option

0	No Output Option		\$0
1**	High level Output Option (panel-mount only)		\$468

**Available for the panel-mount version ONLY and cannot be used when the analog Output Module or PLC Interface is installed.

PANTHER Market Codes

000	Market code for USA		\$0
XXX	Codes for other markets contact customer Support		\$0

PANTHER® PLUS

Weighing Terminal



PANTHER PLUS

COMMERCIAL

Approvals:

- NTEP Class III/III L, 10,000d, COC #96-125; Measurement Canada Approval #AM-5162, Class III, 10,000d; UL, cUL

Environmental Protection:

- TYPE 4X, IP65

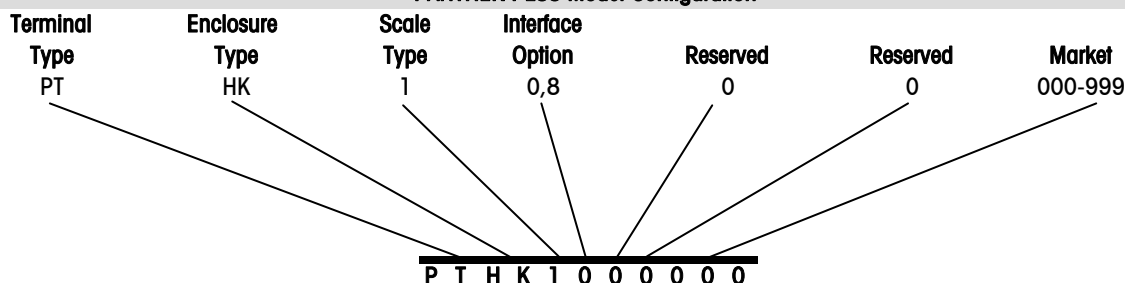
Standard Features:

- 7-digit, 7-segment vacuum fluorescent display
- Universal power supply for 100, 120, or 230 VAC
- RS232-C Serial Output
- Zero, Function, Tare, Print, Clear, and Memory keys
- TRAX DSP™ filtering
- Numeric Keypad

Accessories:

- Analog Output Option
- External accessories

PANTHER PLUS Model Configuration



Ordering Information

PANTHER PLUS

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
PTHK	Harsh environment with VF numerical display	5.5	\$1,054

PANTHER PLUS Scale Type

1	Analog load cell scale Interface		\$0
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PANTHER PLUS Interface Option

0	No Output Option		\$0
8	Analog Output (0-10 V or 4-20 mA)*		\$468

*Cannot be used with a PANTHER PLUS powering more than four 350Ω analog load cells.

PANTHER PLUS Market Codes

000	Market code for USA		\$0
XXX	Codes for other markets contact Customer Support		\$0

PANTHER PLUS Option Slot Accessory

09170246000	Analog Output Option		\$468
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PANTHER PLUS IP69k

Produced in a facility that is



PANTHER® IP69k

Weighing Terminal

COMMERCIAL

Approval:

- NTEP Class III/III L, 10,000d, COC #96-125; Measurement Canada Approval #AM-5162, Class III, 10,000d; UL, cUL

Environmental Protection:

- IP69k, suitable for heavy washdown applications

Standard Features:

- 7-digit, 7-segment vacuum fluorescent display
- Universal power supply for 100, 120, or 230 VAC
- RS232-C Serial Output
- Zero, Function, Tare, Print, Clear, and Memory keys
- TRAX DSP™ filtering

PLUS Features:

- Numeric Keypad
- 10 stored targets, plus quickshot target

Options

- Toggle switch

Ordering Information**PANTHER IP69k**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
PTHE1000000	PANTHER IP69k severe washdown - 6 key version	6 lb	\$1,157
PTHE1100000	PANTHER PLUS IP69k severe washdown - 18 key version	6 lb	\$1,279
PTHE1110000	PANTHER PLUS IP69k severe washdown - 18 key version with toggle switch	6 lb	\$1,394

PANTHER®

PANTHER Accessories (Not for use with PANTHER PLUS or PANTHER IP69k)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
09000311000	PROFIBUS DP pigtail harness (for large Siemens connector)		\$66
09000320000	MODBUS PLUS® pigtail harness		\$55
09170246000	Analog Output Option		\$468
09170247000	High-level Output Option (115 VAC) (panel-mount only)		\$468
09170251000	ALLEN-BRADLEY™ RIO Interface		\$468
09170252000	PROFIBUS DP Interface (order 0917-0268 GSD files)		\$468
09170253000	MODBUS PLUS® Interface		\$468
64058785	DeviceNet Interface KOP replacement Board (for units factory installed with DeviceNet)		\$468
09170256000	High-level Output Option without I/O blocks (panel-mount only)		\$468
09170263000	Software Upgrade Kit - Analog (PCB# 14865200A or 14865400A)		\$44
09170268000	PROFIBUS™ GSD type files (one diskette or available free online)		\$17
09170276000	Software Upgrade Kit - Analog (PCB# 15201300A or 15201500A)		\$44

PANTHER / PANTHER PLUS / PANTHER IP69k I/O Accessories

09610086000	TYPE 4X (IP65) fiberglass I/O Enclosure with 15' Cable for up to four modules (order I/O modules separately-see below)		\$561
09620034000	QuenchArc, spike suppressors		\$17
09620035000	AC High-level Output Module, 24 to 280 VAC, 1A		\$28
09620036000	AC High-level Input Module, 90 to 140 VAC		\$28
09620037000	AC High-level Input Module, 180 to 280 VAC		\$28
09620038000	DC High-level Output Module, 5 to 60 VDC, 1A		\$28
09620039000	DC High-level Input Module, 10 to 32 VDC		\$28
09620044000	Dry Reed contact Output Module, 10 VA maximum		\$33

PANTHER / PANTHER PLUS / PANTHER IP69k Documentation

14957000	Panther Technical Manual (English)		\$18.15
16528600	Panther Installation Manual (English)		\$21.45
14945800	Panther User Guide (English)		\$8.25
IN1041.8E	Panther Literature (English)		\$0.00
15527000	Panther PLUS/IP69k Technical Manual (English)		\$11.55
16528600	Panther PLUS/IP69k Installation Manual (English)		\$21.45
15526900	Panther PLUS/IP69k User Guide (English)		\$8.25
IN01015.2E	Panther PLUS/IP69k Literature (English)		\$0.00



IND449check+



IND429/439/449

Weighing Terminals

APPLIED

Approvals:

- USA: Class II 100,000d; Class III/IIIL 10,000d; COC#05-010
- Measurement Canada Approval: Class II 100,000d; Class III/III HD 10,000d #AM-5588
- CSA, EHEDG, NSF approvals

Standard Features:**IND429**

- IP69k protected
- Full Stainless Steel Enclosure
- 6 keys with tactile feedback
- RS232 Serial Interface
- Dynamic weighing (IND429 only)
- LCD display
- MinWeigh
- Taring
- Unit switching
- Printing/Data transfer

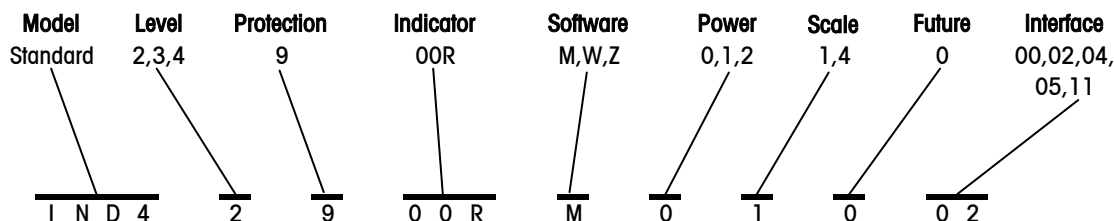
IND439check

- Same as IND429 plus:
- Checkweighing (3 modes)
- 99 target memories
- Graphic indication of weight
- COLOR WEIGHT® display
- 10 keys with tactile feedback
- Quick calibration
- I/O

IND449check+

- Same as IND439 plus:
- Counting Software
- TakeAway mode
- Identification (2 IDs)
- Recall gross, tare, resolution
- Numeric keypad (25 keys total)
- Date / time
- Classification (5 colors)

**Note: Checkweighing capability included in the IND439 and IND449 only;
Counting Software is featured in the IND449 only.**

IND4x9 Model Configuration**Ordering Information****IND4x9 Base Terminal Options**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
IND42900RM	IND429 Basic level terminal with IP69k protection		\$886
IND43900RW	IND439 Check terminal with IP69k protection		\$1,293
IND44900RZ	IND449 Check+ terminal with IP69k protection		\$1,495

Power Options

0	AC power only	\$0
1	Internal battery (with charger)	\$330

Scale Options

1	Analog scale connection	\$0
4	IDNet scale connection (with T-Brick cell only)	\$220

Future Options

0	Standard	\$0
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IND429/439/449

Interface Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
00	Standard (RS232)		\$0
02	Standard plus Digital I/O		\$440
04	Standard plus USB		\$440
05	Standard plus Ethernet		\$440
11	Standard plus WLAN		\$660

IND4x9 Field Installation Kits

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
Call	Standard plus Digital I/O		Call
Call	Standard plus USB		Call
Call	Standard plus Ethernet		Call
Call	Standard plus WLAN		Call

IND4x9 Accessories - General

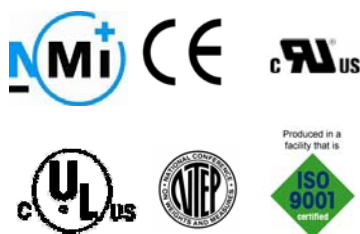
22013963	IND4x9 Protective Covers (Set of 3)		\$105
21203903	W&M Certification Kit (Sealing kit for legal-for-trade applications)		\$49

IND4x9 Accessories - Cables and Mating Connectors

504376	3 m RS232 Serial Cable (8 pin DIN to DB9 Female connector)		\$110
504755	3 m RS232 Serial Cable (8 pin DIN to DB25 Male connector)		Call
503756	RS232 8 pin DIN Mating Connector (requires field assembly - Cable not included)		\$66
504458	10 m Digital I/O Cable (8 pin DIN to 19 pin Male connector)		\$176
504461	Digital I/O 19 pin DIN Mating Connector (requires field assembly - Cable not included)		\$69
*** 504458 or 504461 is required for Digital I/O Option ***			
22006268	0.2 m USB Cable Adapter (8 pin DIN to Type A USB socket)		\$75
22007713	3.0 m USB Cable Adapter (8 pin DIN to Type A USB socket)		\$98
64057263	10 ft Type A USB Cable		\$35
205247	5 m Ethernet Cable (8 pin DIN to RJ45 Ethernet connector)		\$176
208152	20 m Ethernet Cable (8 pin DIN to RJ45 Ethernet connector)		\$429

IND4x9 Documentation

22013821A	IND4x9 / BBA4x9 Installation Guide (English)		\$8.25
22013801A	Weights and Measures Sealing Kit (wire, neutral sticker, METTLER TOLEDO sticker)		\$11.55
22015307	IND439check / BBA439check User Manual (English)		\$11.55
22015313	IND449check+ / BBA449check+ User Manual (English)		\$11.55
22013973A	IND4x9 / BBA4x9 Quick Guide (Multi-lingual)		\$8.25
22013826A	IND4x9 / BBA4x9 Service Manual (English)		\$8.25
IN03441.OE	IND429 Literature (English)		\$0.00
IN03457.OE	IND4x9 / BBA4x9 Literature (English)		\$0.00



IND560

Weighing Terminal

APPLIED

Approvals:

- NTEP Class III/IIIL, 10,000d, Class II 100,000d COC #05-057A1
- Measurement Canada Approval: Class II 100,000d; Class III 10,000d #AM-5593
- Division 2 Hazardous Approval

Standard Features:

- IP65 Panel-mount or a IP69k Desk Harsh Environment model (Optional pair of wall Mounting Brackets 71209353 available)
- Supports eight 350Ω load cells or an IDNet base
- Bright 43 mm graphical VFD display with 21 mm weight display
- Embedded logic for material transfer and over/under mode
- Optional internal/external digital I/O using latched or unlatched Outp
- One Serial Port
- Memory tables for 25 targets and 25 tare values
- TraxDSP™ digital filtering and TraxEMT™ maintenance features
- Programmable TaskExpert

IND560 Model Configuration

Terminal Type	Enclosure Type	Scale Type	Reserved	Ethernet/Serial	Discrete I/O	PLC Interface	Application Software	Module	Power Option	Market
56	P,H	1,4	000	0,A	0,B	0,A,B,D,E,P,R	0,F	0,1,2	0,A-H	00
		5 6 H 1		0 0 0 A B		A 0 0 A 0 0				

Ordering Information**IND560 Enclosure and Scale Type (select one)**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
56P1	Panel Mount Enclosure with Analog Scale Interface		\$1,100
56H1	Harsh/Desk Enclosure with Analog Scale Interface		\$1,157
56P4	Panel Mount Enclosure with IDNet Scale Interface		\$1,333
56H4	Harsh/Desk Enclosure with IDNet Scale Interface		\$1,389

IND560 Interface Ports (select one)

0	One (1) Serial Port (Standard)	\$0
A	Two (2) additional Serial Ports and one (1) TCP/ IP Ethernet Port	\$220

IND560 Discrete I/O (select one)

0	None	\$0
B	Local discrete I/O (4 Input, 6 Output Relays)	\$220

IND560 PLC Interface (select one)

0	No Output Option	\$0
A	Analog Output (4-20 mA or 0-10 V)	\$550
B	ALLEN-BRADLEY™ RIO Interface	\$550
D	DeviceNet	\$550
E	Ethernet/IP	\$715
P	PROFIBUS® DP Interface for Panel Mount Enclosures	\$550
R	PROFIBUS® DP Interface for Harsh Desk Enclosures	\$550

IND560 Application Software (select one)

0	Basic functionality	\$0
F	Fill-560 filling and blending	\$385

NOTE: Vehicle scale terminal applications may be configured on page IN-22.

IND560

IND560 Module (select one)		
Order Number	Description	Suggested List Price (CDN\$)
0	No module	\$0
1	TaskExpert - Contact Application Support for Availability	Call
2	Com-560 host protocol emulation, custom strings, Toledo continuous short	\$275
IND560 Power Option (select one)		
0	No power cord (panel)	\$0
A	120 VAC, North American (harsh/desk)	\$0
IND560 Market		
00	English	\$0
IND560 Option Kits		
Order Number	Description	Suggested List Price (CDN\$)
71209095	Ethernet TCP/IP and two (2) RS232 Serial Port kit	\$220
71209093	Local discrete I/O (4 Input, 6 Output Relays)	\$220
71209097	PROFIBUS® DP Interface for Panel Mount Enclosures	\$550
71209096	PROFIBUS® DP Interface for Harsh Desk Enclosures	\$550
72193580	DeviceNet Option Board	\$550
71209098	ALLEN-BRADLEY™ RIO Interface kit	\$550
71209099	Analog Output kit (4-20 mA or 0-10V)	\$550
64058677	Ethernet/IP	\$715
64061204	TaskExpert Module - Contact Application Support for Availability	Call
IND560 Accessories		
64053820	24VDC Supply for ARM100	\$163
71209352	ARM100 Remote I/O Relay Module (4 Input, 6 Output Relays)	\$413
71209388	W&M Sealing KOP (3 screws, wire seal, switch cover plate, 5 security seals)	\$25
72183757	Terminal Connector Kit (one of each connector plugs included)	\$99
71209392	Grip Bushing Kit : Metal glands (1 large, 6 small), Cable hold grommets (2 large, 6 medium, 6 small), Gland sealing caps (1 large, 6 small)	\$142
72185046	IDNet Power Supply Adaptor KOP (for non-T-Brick weigh cells prior to 2003)	\$400
71209375	Rear cover plate assembly (rear plate, fuse, labels, hole plugs)	\$13
IND560 Documentation		
71209394	Technical Manual (English)	\$21.45
71209395	Installation Manual (multi-lingual)	\$21.45
71209396	User Guide (English)	\$8.25
71209397	Weights and Measures sealing kit (wire, neutral sticker, METTLER TOLEDO sticker)	\$4.40
72184339	PLC Technical Manual (English)	\$11.55
IN03437.OE	Literature	\$0.00
IND560 Application Software		
64055811	Fill-560 filling and blending hardware key	\$385
64062647	Com-560 host protocol emulation, custom strings, Toledo continuous short	\$275

NOTE: Vehicle scale terminal applications may be configured on page IN-22.



IND690 Desk/Wall
& Panel



Produced in a
facility that is



IND690

Weighing Terminal

APPLIED

Approvals:

- NTEP Class III, 10,000d, Class II 100,000d COC #06-051
- Measurement Canada Approval: Class II, 100,000d, Class III / IIHD 10,000; #AM-5641

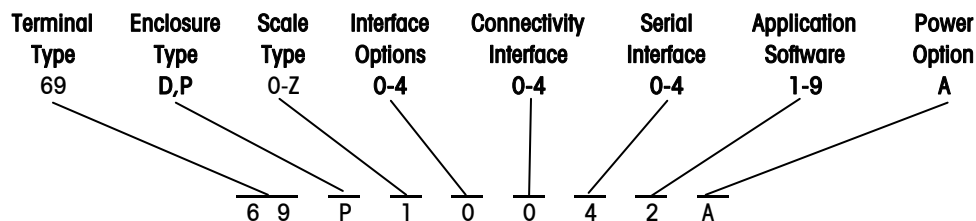
Standard Features:

- IP69k Desk/Wall or Panel Enclosure
- Nine Interface slots (Seven available beyond Standard)
- One RS232 Serial Port (COM1)
- One PS/2 conn (COM9)
- Up to 4 scales - analog (4-350Ω), IDNET or SICS
- BigWeight™ vacuum florescent 35mm graphical display
- 6 user selectable soft keys, CTPZ, and 6 application keys
- Flexible print templates
- Multiple Serial protocols for easy connectivity
- Connect with barcode, RFID, PLC

Optional

- Wired Interfaces - RS232, RS485, CL20mA, USB, Ethernet
- Wireless Interfaces - Bluetooth, Wireless LAN
- Various PLC Interfaces
- 9 Application Software
- Indicator brackets

IND690 Model Configuration



Ordering Information **Maximum of 8 selectable Slots per IND690**

IND690 Enclosure Type (select one)

Order Number	Description	Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
D	Desk	-		\$1,786
P	Panel	-		\$1,729

IND690 Scale Option Code (select one)

Z	None	None	None	0	\$0
C	1-Analog Scale	None	None	1	\$440
D	2-Analog Scales	None	None	2	\$880
E	3-Analog Scales	None	None	3	\$1,320
7	4-Analog Scales	None	None	4	\$1,760
0	None	1-IDNet Scale	None	1	\$440
1	1-Analog Scale	1-IDNet Scale	None	2	\$880
2	2-Analog Scales	1-IDNet Scale	None	3	\$1,320
3	3-Analog Scales	1-IDNet Scale	None	4	\$1,760
4	None	2-IDNet Scales	None	2	\$880
K	1-Analog Scale	2-IDNet Scales	None	3	\$1,320
S	1-Analog Scale	3-IDNet Scales	None	4	\$1,760
P	None	2-IDNet Scales	1-SICS Scale	3	\$1,320
5	None	3-IDNet Scales	None	3	\$1,320
6	None	4-IDNet Scales	None	4	\$1,760
F	None	None	1-SICS Scale	1	\$440

IND690

IND690 Scale Option Code - continued (select one)

Order Number	Description			Slots Used	Shipping Weight (lb)	Suggested List Price (CDN\$)
N	1-Analog Scale	None	1-SICS Scale	2		\$880
8	None	1-IDNet Scale	1-SICS Scale	2		\$880
G	None	None	2-SICS Scales	2		\$880
A	None	1-IDNet Scale	2-SICS Scales	3		\$1,320
9	1-Analog Scale	1-IDNet Scale	2-SICS Scales	4		\$1,760
H	None	None	3-SICS Scales	3		\$1,320
M	1-Analog Scale	None	3-SICS Scales	4		\$1,760
B	None	1-IDNet Scale	3-SICS Scales	4		\$1,760
J	None	None	4-SICS Scales	4		\$1,760

IND690 Interface Option (select one)

0	None	0	\$0
1	4 I/O	1	\$220
2	Analog Out	1	\$550
3	Profibus DP	2	\$704
4	Profibus DP plus 4 I/O	3	\$924

IND690 Connectivity Interface (select one)

0	None	0	\$0
1	USB	1	\$220
2	Bluetooth	1	\$660
3	Wireless LAN	1	\$743
4	Ethernet	1	\$710

IND690 Serial Interface (select one)

0	1- RS232	1	\$0
1	2- RS232	2	\$220
4	3- RS232	3	\$440
5	4- RS232	4	\$660
2	1- RS485/422, 1- RS232	2	\$220
3	CL20mA, 1- RS232	2	\$220
6	CL20mA, 2- RS232	3	\$440

IND690 Application (select one)

1	Base-690	Stored tare, target, template memories	-	\$132
2	Count-690	Piece counting and piece filling; APW memory; Refill correction	-	\$330
3	Form-690	Manual formulation up to 15 materials; no stored formulas	-	\$385
4	Com-690	Provides remote control of IND690 from a PC; use with	-	\$440
5	Sum-690	Totalize the usage of individual or all materials processed	-	\$330
6	Fill-690	Auto control filling sequences : fill, lance fill, bung hole fill	-	\$605
7	Control-690	Auto or manual control basic weighing, checkweighing,	-	\$660
8	Batch-690 **	Auto or manual control of batching sequences : fill, batch, dose	-	\$715
9	FormXP-690	Manual formulation; Stored formulas, inventory control, Software	-	\$1,045

** Order RS485 Interface Module, (2) 8 I/O Relay Modules 22011968 and

(1) Power Supply 22003712

IND690 Power Option (select one)

A	USA	-	\$0
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IND690

IND690 Option Kits

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22011951	IDNET Scale		\$440
22011952	Analog Scale		\$440
22011953	SICS Scale		\$440
22011955	RS232 (8-pin)		\$220
22011956	RS485/422 (6-pin, electrically isolated)		\$220
22011958	Bluetooth (Cable-less Serial Interface, antenna integrated)		\$660
22011959	USB Slave		\$220
22011961	Ethernet (8-pin, 10/100 BaseT, twisted pair)		\$710
22011962	WLAN (Radio network with stub antenna)		\$743
22011963	ProfibusDP		\$704
22011965	4 I/O (19-pin)		\$220
22011966	Analog Output		\$550

IND690 Application (select one)

22011941	Count-690	Piece counting and piece filling; APW memory; Refill correction	\$330
22011942	Form-690	Manual formulation up to 15 materials; no stored formulas	\$385
22011943	Com-690	Provides remote control of IND690 from a PC; use with	\$440
22011944	Sum-690	Totalize the usage of individual or all materials processed	\$330
22011945	Fill-690	Auto control filling sequences : fill, lance fill, bung hole fill	\$605
22011947	Control-690	Auto or manual control basic weighing, checkweighing,	\$660
22011946	Batch-690 **	Auto or manual control of batching sequences : fill, batch, dose	\$715
22011948	FormXP-690	Stored formulation, inventory control, Software	\$1,045

** Order RS485 Interface Module, (2) 8 I/O Relay Modules 22011968 and (1) Power Supply 220037

IND690 Documentation

22012813	Service/Technical Manual (English)	\$8.25
22012803	Installation Manual (English)	\$11.55
22012808	User Guide for Base-690 (English)	\$14.85
22012816	User Guide for Count-690 (English)	\$8.25
22012821	User Guide for Form-690 (English)	\$8.25
22012826	User Guide for Com-690 (English)	\$8.25
22012831	User Guide for Sum-690 (English)	\$8.25
22012836	User Guide for Fill-690 (English)	\$8.25
22012846	User Guide for Control-690 (English)	\$11.55
22012841	User Guide for Batch-690 (English)	\$8.25
22012851	User Guide for FormXP-690 (English)	\$8.25

IND690

IND690 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
22011983	IND690 Protective Cover (Set of 3)		\$50
22011980	Wall Mounting Bracket, Harsh Environment Model		\$125
22011984	Stainless Steel Mounting Bracket for Masstron and PBA Columns		\$88
64056496	Stainless Steel Cylindrical Sleeve for WB/WH/CB/CBU Columns (also order 22011984)		\$30
22011981	K-base Floor Stand - Stainless Steel	These Columns require 22011984 adapter bracket to mount an IND690	\$451
22013964	PBA 330 mm Square Tube SS Column Kit		\$343
22013965	PBA 600 mm Square Tube SS Column Kit		\$458
22011967	4 I/O Din Rail Mountable Relay Module		\$330
504458	4 I/O Cable - 33 ft (10 m) 19pin, open end		\$176
22011968	8 I/O Din Rail Mountable Relay Module (Requires RS485 Interface Module)		\$550
204933	8 I/O Cable - 10 ft (3 m) 6pin, open end		\$165
22003712	8 I/O Power Supply - 120V (Required)		\$313
504376	3 m Serial RS232 Cable (8 pin DIN - DB9F)		\$110
503756	8 pin DIN Connector Field Kit		\$66
205247	5 m Ethernet Cable (16 pin DIN - RJ45 Connectors)		\$176
208152	20 m Ethernet Cable (16 pin DIN - RJ45 Connectors)		\$429
IND690 Serial Cables			
503754	RS232 Cable/DTE, 3 m		\$160
503755	RS232 Cable/DCE, 3 m		\$110
504374	RS232 Cable/PC, 3 m		\$110
504376	RS232 Cable/9-pin, 3 m		\$110
22006795	RS232 Cable/ SICS Scale, 3 m		\$163



IND780 Panel IND780 Desk/Wall



Produced in a facility that is



IND780

Weighing Terminal

APPLIED

Approvals:

- NTEP Class III/IIIL 10,000d; Class II 100,000d; COC #06-017
- Measurement Canada Approval: Class II, 100,000d, Class III / IIILD, 10,000d/ 20,000d; #AM-5592

Standard Features:

- Desk/Wall or Panel Enclosure
- One RS232 Serial Port
- One RS232/422/485 Serial Port
- One Ethernet TCP/IP Port
- Graphical backlit LCD display
- 5 user selectable soft keys, CTPZ, and 4 application keys
- Flexible print templates
- Multiple Serial protocols for easy connectivity
- USB Master for external keyboard

Optional

- Up to 4 simultaneous scales and SUM scale
- ControlNet, Ethernet/IP, RIO, Profibus
- Discrete I/O, 4in/4out (include B in the Comm I/O slot)
- Programmable TaskExpert

IND780 Model Configuration

Terminal Type	Enclosure Type	Scale Type	Multi-Slot	Comm I/O Slot	Connectivity Option	Application	Module Option	Power Option	Market
78	L,J,S,R	0,1,3,4	0,1,4,A	0,A,B,C	0,B,C,D,E,P,R	0,V	0,1,2	A	00
7 8	L	1	0 0 0	0 0	0	0	0	A	00

Ordering Information**IND780 Enclosure type (select one)**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
78L	Stainless Steel Desk, IP69K, monochrome display		\$2,680
78J	Stainless Steel Desk, IP69K, color display		\$3,513
78S	Panel Enclosure, monochrome display		\$2,624
78R	Panel Enclosure, color display		\$3,457

IND780 Scale type ** (select one)

0	None	\$0
1	Analog scale	\$440
3	POWERCELL scale	\$440
4	IDNET scale	\$440

** To interface with SICS bases, utilize one Serial Port per base.

IND780 Multi-purpose Options (select up to 3)

0	None	\$0
1	Analog scale	\$440
4	IDNET / DigiNet scale	\$440
A	Serial (RS232, RS422, RS485)	\$220

IND780

IND780 Communication and I/O Options (select up to 2)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
0	No Option		\$0
A	Serial (RS232/RS422/RS485)		\$220
B	4 Inputs, 4 Outputs - relay		\$220
C	4 Inputs, 4 Outputs - hazardous area		\$220

IND780 Connectivity Options (select one)

0	None		\$0
B	ALLEN-BRADLEY™ RIO		\$550
C	ControlNET		\$715
D	DeviceNet (limited to 2 scales in Integer or Divisions, or 1 scale in Floating Point format)		\$550
E	Ethernet/IP and Modbus TCP		\$715
P	Profibus (panel)		\$550
R	Profibus (desk/harsh)		\$550

IND780 Application (select one)

0	None		\$0
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NOTE: Vehicle scale terminal applications may be configured on page IN-22.

IND780 Module Option (select one)

0	None		\$0
1	TaskExpert - Contact Application Support for Availability		Call
2	COM-780		\$330

IND780 Power Option (select one)

0	No plug (panel)		\$0
A	USA		\$0

IND780 Market

00	Global		\$0
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NOTE: Vehicle scale terminal applications may be configured on page IN-22.

IND780

IND780 Option Kits

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
64057417	POWERCELL Scale Option		\$440
64057418	Single Analog Scale Option		\$440
64057421	IDNET Scale Option		\$440
64057419	4 Inputs, 4 Outputs - relay		\$220
64057422	4 Inputs, 4 Outputs - hazardous area		\$220
64057420	Serial (RS232/RS422/RS485)		\$220
71209098	ALLEN-BRADLEY™ RIO Option		\$550
71209096	PROFIBUS Option (panel)		\$550
71209097	PROFIBUS Option (desk/harsh)		\$550
64057423	ControlNet Option		\$715
64058677	Ethernet/IP and Modbus TCP Option		\$715
72193580	DeviceNet Option Board (limited to 2 scales in Integer or Divisions, or 1 scale in Floating Point format)		\$550
22009173	TaskExpert module - contact Application Support for Availability		Call
22009174	Com-780 module		\$330

IND780 Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
64053820	24VDC Supply for ARM100		\$163
71209352	ARM100 Remote I/O Relay Module (4 Input, 6 Output Relays)		\$413
64056538	W&M Sealing KOP (wire seal, screws, switch coverplate, security seals)		\$35
64057325	Hardware Kit (screws, nuts, hex spacer)		\$95
64057327	Connector Kit (one each of all connector plugs)		\$189
64057326	Grip Bushing Kit		\$95
21254225	1.5 m Cable - Open End-DB9m (for SICS Scale)		\$83
09170240000	AUX Power Supply (for more than 14 POWERCELL load cells)		\$273

IND780 Documentation

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
64057242	Technical Manual (English)		\$33.00
64057253	Installation Manual (English)		\$21.45
64057247	User Guide (English)		\$14.85
64057518	PLC Technical Manual (English)		\$21.45
IN03456.0E	Literature		\$0.00

IND310drive

Weighing Terminal



Produced in a facility that is



IND310drive Desk

APPLIED

Approvals:

- NTEP Class III/III L, 10,000d, COC#04-032; Measurement Canada Approval #AM-5539

Environmental Protection:

- IP69K, SS Enclosure with adjustable Mounting Bracket

Standard Features:

- 1/4 VGA Monochrome graphical display
 - 146 mm display viewing area
 - 24 mm high default weight display
- Vehicle Scale (VS) Inbound/Outbound Software
- Single scale Interface for DigiTOL or analog load cells
- 2 COM Ports (RS232/RS422/RS485/cL)
- Ethernet Port
- Documentation CD

Options

- Support for a second platform

Ordering Information

IND310drive

Order Number	Enclosure Type	Scale 1 Type	Scale 2 Type	Application	Shipping Weight (lb)	Suggested List Price (CDN\$)
31L1000000V0A00	Harsh Desk Enclosure	Single Analog	None	Vehicle Scale Software	18 lb	\$2,221
31L2000000V0A00		Dual Analog*			18 lb	\$2,680
31L3000000V0A00		POWERCELL**			18 lb	\$2,221
31L3100000V0A00			Single Analog		18 lb	\$2,680
31L3300000V0A00			POWERCELL**		18 lb	\$2,680

* If Dual Analog Channel is selected Scale 2 Option must be "0" (no second scale option)

** Requires an auxiliary power supply when used with more than 10 POWERCELLS

IND310drive Accessories

71207876	Single Analog Card (Scale #2)	0.5 lb	\$440
71207877	POWERCELL Card (Scale #2)	0.5 lb	\$440
TA100590	External Power Supply	5 lb	\$401
09170340000	88 Key QWERTY Keyboard	5 lb	\$273

IND310drive Documentation

71207916	Technical Manual (English)	\$21.45
71207915	Installation Manual (English)	\$14.85
71207921	User Guide (English)	\$8.25
IN03444.OE	Literature	\$0.00



IND135



Produced in a facility that is



IND135

Weighing Terminal

APPLIED

Approvals:

- NTEP Class III/III L, 10,000d, COC#06-107

Environmental Protection:

- 304L Stainless Steel Enclosure, Intended for indoor use

Standard Features:

- Vehicle scale terminal for DigiTOL POWERCELLS
- 6 character, 12 mm high LED display
- Gross weight only
- Single scale Interface for up to 14 DigiTOL load cells
- 2 COM Ports (RS232/RS485)
- Documentation CD

Options

- Ethernet

Ordering Information**IND135**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
72188635	IND135, POWERCELL	5 lb	\$1,270
72196649	IND135, POWERCELL, with Ethernet	5 lb	\$1,723
IND135 Accessories			
72199982	USB Cable	0.5 lb	\$22
72199980	RS232/RS485 Cable, 9D, 3 m	0.5 lb	\$17
72199981	RS232/RS485 Cable, 9D, 10 m	0.5 lb	\$22
IND135 Documentation			
72201775	Manual (English)		\$11.55
72201779	Installation Guide (English)		\$4.40
INDB0033.OE	Literature		\$0.00

Vehicle Scale Terminals

and Vehicle Software



APPLIED

Ordering Information

Analog Truck Scale Terminals

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
56H1000A000A00	IND560, SS IP69K Enclosure, Single Analog Scale, Ethernet/Serial Board		\$1,377
31L1000000V0A00	IND310drive, SS IP69K Enclosure, Single Analog Scale, Inbound/Outbound Software		\$2,221
78L100000000A00	IND780, Mono, Harsh, SS IP69K Enclosure, Single Analog Scale		\$3,120
78J100000000A00	IND780, Color, Harsh, SS IP69K Enclosure, Single Analog Scale		\$3,953

Analog Truck Scale Terminals with factory installed Software

31L1000000V0A00	IND310drive, SS IP69K Enclosure, Single Analog Scale, Inbound/Outbound Software		\$2,221
56H1000A00V0A00	IND560, SS IP69K Enclosure, Single Analog Scale, Ethernet/Serial Board, Inb./Outb. Software		\$1,406
78L1000000V0A00	IND780, Mono, Harsh, SS IP69K Enclosure, Single Analog, Inbound/Outbound Software		\$3,517
78J1000000V0A00	IND780, Color, Harsh, SS IP69K Enclosure, Single Analog, Inbound/Outbound Software		\$4,350
78L1000B00H0A00	IND780, Mono, Harsh, SS IP69K Enclosure, Single Analog, AXLE Software		\$3,753
78J1000B00H0A00	IND780, Color, Harsh, SS IP69K Enclosure, Single Analog, AXLE Software		\$4,585
Pay-To-Weigh	Pay-To-Weigh Software		Call

Ordering Information

DigiTOL™ Truck Scale Terminals

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
72188635	IND135, POWERCELL		\$1,270
72196649	IND135, POWERCELL, with Ethernet		\$1,723
31L3000000V0A00	IND310drive, SS IP69K Enclosure, POWERCELL		\$2,221
78L300000000A00	IND780, Mono, Harsh, SS IP69K Enclosure, POWERCELL		\$3,120
78J300000000A00	IND780, Color, Harsh, SS IP69K Enclosure, POWERCELL		\$3,953

DigiTOL™ Truck Scale Terminals with factory installed Software

31L3000000V0A00	IND310drive, SS IP69 Enclosure, MTX Scale, Inbound/Outbound Software		\$2,221
78L3000000V0A00	IND780, Mono, Harsh, SS IP69K Enclosure, POWERCELL, Inbound/Outbound Software		\$3,517
78J3000000V0A00	IND780, Color, Harsh, SS IP69K Enclosure, POWERCELL, Inbound/Outbound Software		\$4,350
78L3000B00H0A00	IND780, Mono, Harsh, SS IP69K Enclosure, POWERCELL, AXLE Software		\$3,753
78J3000B00H0A00	IND780, Color, Harsh, SS IP69K Enclosure, POWERCELL, AXLE Software		\$4,585
Pay-To-Weigh	Pay-To-Weigh Software		Call

Instrument discounts will be applied to these Order Numbers

Vehicle Scale Software Solutions		
Vehicle Software	Scale Type	Description
Inbound/Outbound	Full length single scale	Inbound/Outbound operation, bi-directional
Axle	Short single module scale	Axle and summed axle weights
Pay-To-Weigh	Multi-axle scale	Inbound/Outbound operation and truck plaza applications
Roll On/Roll Off	Full length single scale	Axle and certified gross weights, bi-directional

Accessories

Indicator Mounting Brackets

Order Number	Description	Suggested List Price (CDN\$)
72204996	IND221 Simple Stainless Steel Tilt and Swivel Bracket with M8 Hole (included with IND221)	\$28
72204997	IND226 Simple Stainless Steel Tilt and Swivel Bracket with M8 Hole (included with IND226)	\$39
22015188	IND226 Stainless Steel Tilt and Swivel Bracket with M8 Hole	\$94
71207884	IND310drive Stainless Steel Tilt Bracket (included with IND310drive)	\$77
22010045	IND4x5 Stainless Steel Tilt and Swivel Bracket with M8 Hole	\$128
22010056	IND4x5 Stainless Steel Tilt and Swivel Bracket (for CB/CBU/WH/WB Columns only)	\$128
58-420104	Panther Stainless Steel Tilt and Swivel Bracket with M8 Hole	\$97
22013966	IND4x9 Stainless Steel Tilt and Swivel Bracket with M8 Hole	\$105
22015188	IND560 Stainless Steel Tilt and Swivel Bracket with M8 Hole	\$94
22011984	IND690 Stainless Steel Tilt and Swivel Bracket with M8 Hole	\$88
207294	IND690 Stainless Steel Tilt and Swivel Bracket "Swiss Cheese Bracket" with M8 Hole	\$88
22015188	IND780 Stainless Steel Tilt and Swivel Bracket with M8 Hole	\$94

Indicator Wall Mounts

22011980	IND221 Stainless Steel 250 mm Wall Mounting Arm (requires 72204996)	\$125
22011980	IND226 Stainless Steel 250 mm Wall Mounting Arm (requires 72204997 or 22015188)	\$125
22011980	IND4x5 Stainless Steel 250 mm Wall Mounting Arm (requires 22010045)	\$125
22014833	IND4x9 Stainless Steel 250 mm Wall Mounting Arm (22013966 bracket included)	\$125
22011980	IND560 Stainless Steel 250 mm Wall Mounting Arm (requires 22015188)	\$125
22011980	IND690 Stainless Steel 250 mm Wall Mounting Arm (22011984 bracket included)	\$125
22011980	IND780 Stainless Steel 250 mm Wall Mounting Arm (requires 22015188)	\$125
71209353	IND560, IND780 Stainless Steel Wall Mount Brackets (2 pieces)	\$44

Notes



IND1100000 Module

IND110 Module in
Type 7/9 EnclosureSS Enclosure
Accessory

IND110

Load Cell Signal Converter

Approvals: UL, cUL, CE marked (UL file E139501 for module, E152336 for Type 7/9 enclosure)

Standard Features:

- Converts analog strain gauge load cell signal to 4 to 20mA analog process signal, commonly used with a PLC
- Provides 10 volts load cell excitation, powering up to four 350 ohm load cells
- Digital filtering across entire weight range minimizes affects of vibration on weighing
- Low-level and high-level discrete outputs (one each), open-collector type, 5 to 25 VDC
- Software calibration using DIP switches to enable setup and push buttons for adjustments on front panel
- Error monitoring of loss of scale data
- DIN rail mountable module (IND1100000)
- Type 7/9 enclosure (IND1100001)
- Can be used with intrinsic safety barriers ISB15 or ISB15X
- Stainless steel enclosure 64053670 fits one power supply 64053820 and one IND110 on a DIN rail
- Requires an isolated, Class 2 rated, 24 VDC Power Supply (available separately)

Ordering Information

IND110 Signal Converter (external power supply required)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
IND1100000	Load Cell Signal Converter, DIN rail mount (2.9"H x 3.9"W x 2.2"D)	2.2 lb	\$448
IND1100006	IND1100000 Load Cell Signal Converter - Must be purchased in multiples of six(6)	2.2 lb	\$384
IND1100001	Load Cell Signal Converter IND1100000 DIN rail module mounted in Type 7/9 Enclosure (7.8"H x 7.0"W x 6.8"D) rated for Class I, Div 1, Groups C-D; Class I, Div 2, Groups E-G. Add ISB15 or ISB15X intrinsic safety barrier	22 lb	\$1,003

IND110 Signal Converter Options

64053670	Type 4X/ IP65 stainless steel enclosure (6.3"H x 7.0"W x 2.8"D), wall mount, fits one power supply 64053820 and one IND110 on a DIN rail	5.5 lb	\$286
64053820	DIN mount power supply, 85 - 264 VAC, 24 VDC at 1.0 amps (no power cord)		\$163
17297600A	Power supply in Type 7/9 enclosure (7.8"H x 7.0"W x 6.8"D) with DIN rail. Rated for Class I, Div 1, Groups C-D; Class I, Div 2, Groups E-G (no power cord)		\$633

A100 Analog Output Module



A1000000 Module



A100 Module in
Type 7/9 Enclosure



SS Enclosure
Accessory

Approvals: UL, cUL, CE marked (UL file E139501 for module, E152336 for Type 7/9 enclosure)

Standard Features:

- Converts METTLER TOLEDO serial weight data to a standard 4-20 mA analog output process signal, commonly used with a PLC
- Accepts METTLER TOLEDO Continuous or Standard Interface Command Set (SICS) level 0, send and receive
- Supports RS-232, RS-485, 20mA current loop, and fiber optic inputs*
- Low-level and high-level discrete outputs (one each), open-collector type, 5 to 25 VDC
- Simple and fast software calibration using DIP switches to enable setup and push buttons for adjustments on front panel
- Error monitoring of loss of communication, under zero, and over capacity
- DIN rail mountable module (A1000000)
- Type 7/9 enclosure (A1000001)
- Stainless steel enclosure 64053670 fits one power supply 64053820 and one A100 on a DIN rail
- Requires an isolated Class 2 rated, 24 VDC Power Supply (available separately)

Ordering Information

A100 Analog Output Module (external power supply required)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
A1000000	Analog Output Module, DIN Rail Mount (2.9"H x 3.9"W x 2.2"D)	2.2 lb	\$534
A1000001	Analog Output Module A1000000 in Type 7/9 Enclosure (7.8"H x 7.0"W x 6.8"D) Rated for Class I, Div 1, Groups C-D; Class I, Div 2, Groups E-G	22 lb	\$1,073

A100 Analog Output Module Options

64053670	Type 4X/ IP65 stainless steel enclosure (6.3"H x 7.0"W x 2.8"D), wall mount, fits one power supply 64053820 and one A100 on a DIN rail	5.5 lb	\$286
64053820	DIN mount power supply, 85 - 264 VAC, 24 VDC at 1.0 amps (no power cord)		\$163
17297600A	Power supply in Type 7/9 enclosure (7.8"H x 7.0"W x 6.8"D) with DIN rail. Rated for Class I, Div 1, Groups C-D; Class I, Div 2, Groups E-G (no power cord)		\$633

* A100 module has fiber optic interface hardware on main PCB and does not require the Dual Channel Receiver when used with 8525 or PUMA terminals.



ARM100



ARM100

Digital Input/Output Module

Approvals:

- cULus, CE

Standard Features:

- N35 DIN rail mount
- Requires 24VDC 1A, Class 2 power supply (available separately)
- Compact Footprint
- I/O Assignment via the IND560 keypad or InSite™ PC tool
- DIN rail mounting
- Terminal Strip Connectors
- UL Approval
- Output safety interlocks if no communication exists
- Global approvals
- Optional Harsh enclosure
- LED indicators
 - Power: ON with external power applied
 - Run: Flashing ON when internal diagnostics test OK
 - Data: ON when communicating with the terminal
- Designed for IND560 terminal
- Serial Data Input
 - Multi-drop RS-485 interface
 - Module addressable from 1-15
 - 57,800 baud, 8 data bits, even parity, 1 stop bit
- Discrete Inputs
 - 4 optically isolated solid state inputs
 - Input voltage range: 5-24 VDC (30 VDC at 40 mA maximum)
 - 4 LEDs indicate input status
 - External voltage source and ground required
- Discrete Outputs
 - 6 normally open, dry contact relays
 - Contact rating: 250 VAC or 30 VDC at 1 A maximum
 - Total current not to exceed 3 A
 - 6 LEDs indicate output status
 - External voltage source required

Options:

- Type 4X stainless steel wall mount enclosure
- 24VDC 1A, Class 2 power supply

Ordering Information**ARM100 Digital Input/Output Module**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDNS)
71209352	ARM100 Digital Input/Output module		\$413
ARM100 Options			
64053670	Type 4X/IP65 stainless steel enclosure (6.3"H x 7.0"W x 2.8"D), wall mount, fits one power supply 64053820 and one ARM100 on a DIN rail	5.5 lb	\$286
64053820	DIN mount power supply, 85 - 264 VAC, 24 VDC at 1.0 amps (no power cord)		\$163

ARM200

IND780 Vehicle Control Interface



Standard Features:

- Compatible with IND780drive and other IND780 vehicle applications
- Requires 115/240 VAC 60 Hz power source
- 12-280 VAC 5A output module rating
- 2KV serial port isolation
- Wall mount Type 4 enclosure
- Dimensions: 11" x 14" x 7"

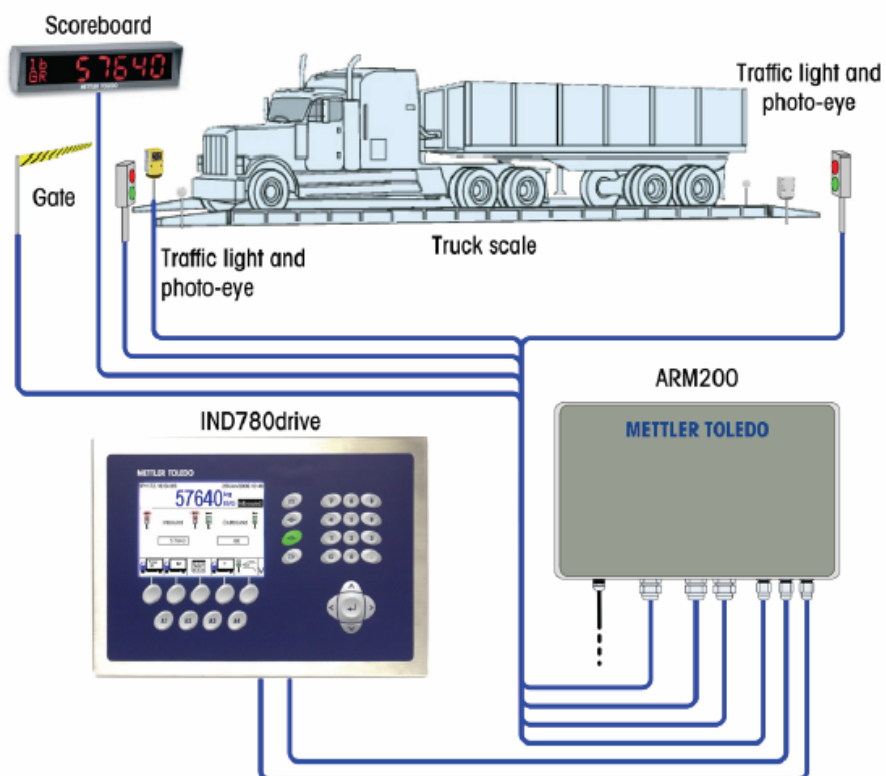
Options:

- Manual operators for traffic light control/LED status lights
- Loop detector channels
- Serial port isolators
- Inputs
- Additional outputs

Ordering Information

ARM200 Digital Input/Output Module

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
ARM2020000	ARM200 traffic light control		\$1,403
ARM2020010	ARM200 traffic light control with manual switches		\$1,824





RAAD BOX

Remote Addressable A/D Box

Approvals:

- NTEP Class III/IIIL, 10,000d, COC #00-052; European approval TC5815, Class III 6000d, Class IIII 1000d

Environmental Protection:

- 304 stainless steel, TYPE 4X, IP65

Standard Features:

- Converts conventional analog load cells into METTLER TOLEDO DigiTOL® cells using the latest MTX technology
- Full scale resolution of A/D 500,000 counts per cell
- 18 Hz update rate
- 4 MTX A/D PCBs in a rust-free, TYPE 4X, IP 65 junction box with terminal strips for field wiring
- Up to 6 RAAD boxes may be daisy-chained
- Compatible with conventional 2mV/V or 3mV/V analog load cells
- Enables individual diagnostics of each analog load cell
- Interfaces to METTLER TOLEDO IND135, IND310, and IND780 terminals.

Notes

- POWERCELL card MUST be installed in Jaguar or JAGXTREME when using RAAD box.
- When more than four 350 ohm loadcells or more than eight 750 ohm loadcells are connected to RAAD boxes a TA100590 auxiliary power supply is required.

Ordering Information**RAAD Box**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
09041013000	RAAD Box, 4-channel, Stainless Steel enclosure	6.6 lb	\$1,202

RAAD Box Accessories

TA100590	External Power Supply (requires Power Cord)	5.0 lb	\$401
10386700A	Power Cord		\$11

8624 Remote Display



Approvals - 9325 and 9323:

- UL/cUL

Environmental Protection:

- Wall mount enclosure - TYPE 4X (IP66)
- Explosion proof enclosure - TYPE 7/9
- Panel enclosure - TYPE 1

Standard Features:

- Six 0.8" LED digits, glarefree and high contrast with wide viewing angles
- Panel, wall, or hazardous enclosures
- Two output modes
- Legends: G, T, N, lb, kg, Total

Ordering Information

8624 Remote Display

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
86240011000	Stainless steel enclosure, wall-mount, TYPE 4X (IP66)	8.5 lb	\$1,122
86240031000	Explosion-proof enclosure, TYPE 7/9. Suitable for Class I and II, Applicable Groups C,D,E,F & G. NEC temperature rating T-6	15 lb	\$2,088
86240021000	Panel-mount enclosure, TYPE 1 (power cord not included)	5 lb	\$1,022
09610077000	Fiber optic (optional) send/receive kit (Includes FO-board, mounting hardware and internal harness)		\$231

Country-specific Power Cords (must be ordered separately) for Panel-mount Model 86240021000

09640079000	North America, 115 VAC, 6 amp. 18 GA, 3-wire, 7'6" long	\$28
09640080000	Europe (Schuko), 10 amp, 220/240 VAC, 3-wire, 2.5m long	\$28
09640081000	Australia/China, 10 amp, 220/240 VAC, 3-wire, 2.5m long	\$28

- NOTES:**
1. The 8624 can be used with indicators that have a METTLER TOLEDO continuous serial output
 2. Weight only is displayed (tare, net, or gross)
 3. Maximum cable length to 8624 using 20 mA current loop or RS422-C is 2000 ft, including cable length to printer
 4. Power: Includes a switching power supply (90-260 VAC, 50/60 Hz)
 5. Input: 4800/9600 Baud ASCII, continuous format (20 mA current loop, RS232-C, RS422, or fiber optic input)
 6. Output: The printer output is one line or three lines G-T Net or Net Only. Time and Date or ID from the indicator CANNOT be printed.
Printer output can be 20 mA current loop or RS422.
Continuous output feed-through can also be selected: it will be the same as received from the digital indicator, and outputted at the same baud rate (20 mA current loop, RS232-C, RS422 or fiber optic)



ADI Scoreboard

Approvals:

- UL/cUL

Environmental Protection:

- Harsh environment enclosure, Type 4 (IP56)

Standard Features:

- Six (100 mm) LED digits
- Super bright display with dual intensity setting
- Integral sun shade
- LB/KG designation
- GR/NT designation
- Communication Protocols: METTLER TOLEDO continuous, Multi Drop
- Input: 20 mA current loop, RS232, and RS422 (Compatible with Mettler Toledo RS485 Multi-Drop)
- Universal bracket mounting options

Options:

- Wireless connectivity
- Integral red/green traffic light

Ordering Information
Scoreboards

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
ADI310	Scoreboard with 4" LED display		\$1,712
ADI410	Scoreboard with 6" LED display		\$2,266
ADI315	Scoreboard with 4" LED display and wireless option		\$2,534
ADI415	Scoreboard with 6" LED display and wireless option		\$3,027
ADI320	Scoreboard with 4" LED display and red/green traffic light option		\$2,324
ADI420	Scoreboard with 6" LED display and red/green traffic light option		\$2,879

S7SPC

Setpoint Controller Standard and Harsh Areas



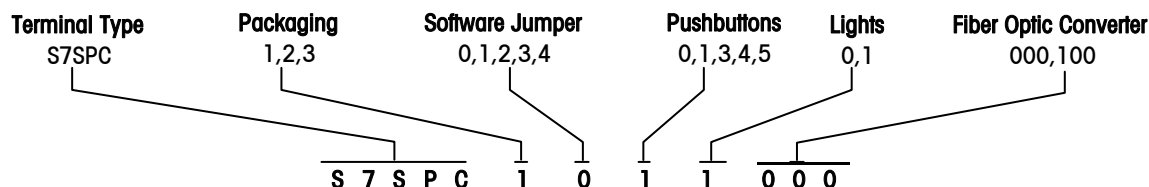
S7SPC

CONSULTATIVE

Standard Features:

- Dual speed feed, discharge, or coincidence operation modes
- Provides control in safe or hazardous area
- Multiple terminal options
- Alarm output
- Reset input
- Includes PLC programming cable

S7SPC Model Configuration



Ordering Information

S7SPC Setpoint Controller

Order Number	Descriptions	Shipping Weight (lb)	Suggested List Price (CDNS)
S7SPC	Setpoint controller, Siemens S7 micro PLC based	1 lb	\$2,304

S7SPC Packaging

1	DIN rail mount	1.5 lb	\$0
2	Type 4X enclosure	5 lb	\$1,095

S7SPC Software Jumper Settings

0	Tare Weigh Hold Discharge, 2 speed simultaneous feed (default)	0 lb	\$0
1	Tare Weigh Hold Discharge, 2 speed alternate feed	0 lb	\$0
2	Tare Discharge Hold, 2 speed simultaneous	0 lb	\$0
3	Tare Discharge Hold, 2 speed alternate feed	0 lb	\$0
4	Coincidence mode (weigh up only)	0 lb	\$0

S7SPC Pushbuttons - Type 4X Enclosure

0	None	0 lb	\$0
1	Start & Stop	0 lb	\$409
2	Start & Stop & Jog	0 lb	\$557
3	Start & Stop & Discharge	0 lb	\$557
4	Start & Stop & Reset	0 lb	\$557
5	Start & Stop & Discharge & Reset	0 lb	\$704
6	Other/ Custom Order	0 lb	Call

S7SPC Lights - Type 4X Enclosure

0	None	0 lb	\$0
1	Alarm	0 lb	\$225
2	Cycle Complete	0 lb	\$225
3	Batch Ready	0 lb	\$225
4	Alarm & Cycle Complete	0 lb	\$451
5	Alarm & Batch Ready	0 lb	\$451
6	Cycle Complete & Batch Ready	0 lb	\$451
7	Alarm & Cycle Complete & Batch Ready		\$676

S7SPC Fiber Optic Converter

000	None	0 lb	\$0
100	Fiber Optic Converter (PUMA only)	1 lb	\$258



S7SPC



S7SPC

Setpoint Controller

Hazardous Areas

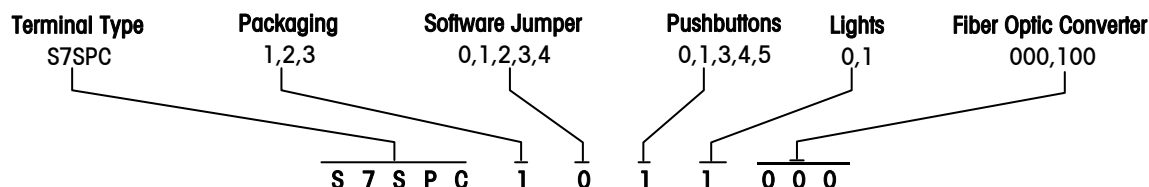
CONSULTATIVE

Approvals:

- FM approved Type 7/9 enclosures, pushbuttons, and lights

Standard Features:

- Dual speed feed, discharge, or coincidence operation modes
- Alarm output
- Multiple terminal options
- Provides control in safe or hazardous area
- Reset input
- Includes PLC programming cable

S7SPC Model Configuration**Ordering Information****S7SPC Setpoint Controller**

Order Number	Descriptions	Shipping Weight (lb)	Suggested List Price (CDN\$)
S7SPC	Setpoint controller, Siemens S7 micro PLC based	1 lb	\$2,304

S7SPC Packaging

3	Type 7/9 Enclosure	18 lb	\$2,921
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S7SPC Software Jumper Settings

0	Tare Weigh Hold Discharge, 2 speed simultaneous feed (default)	0 lb	\$0
1	Tare Weigh Hold Discharge, 2 speed alternate feed	0 lb	\$0
2	Tare Discharge Hold, 2 speed simultaneous	0 lb	\$0
3	Tare Discharge Hold, 2 speed alternate feed	0 lb	\$0
4	Coincidence mode (weigh up only)	0 lb	\$0

S7SPC Pushbuttons - Type 7/9 Enclosure

0	None	0 lb	\$0
1	Start & Stop	0 lb	\$818
2	Start & Stop & Jog	0 lb	\$1,163
3	Start & Stop & Discharge	0 lb	\$1,163
4	Start & Stop & Reset	0 lb	\$1,163
5	Start & Stop & Discharge & Reset	0 lb	\$1,503
6	Other/ Custom Order	0 lb	Call

S7SPC Lights - Type 7/9 Enclosure

0	None	0 lb	\$0
1	Alarm	0 lb	\$252
2	Cycle Complete	0 lb	\$252
3	Batch Ready	0 lb	\$252
4	Alarm & Cycle Complete	0 lb	\$503
5	Alarm & Batch Ready	0 lb	\$503
6	Cycle Complete & Batch Ready	0 lb	\$503
7	Alarm & Cycle Complete & Batch Ready		\$754

S7SPC Fiber Optic Converter

000	None	0 lb	\$0
100	Fiber Optic Converter (PUMA or ID3sTx only)	1 lb	\$258

DeviceNet™ Bridge

Data Transmitter



DeviceNet



Approvals:

- ODVA certified
- UL/cUL
- CE

Environmental Protection:

- TYPE 1, IP20

Standard Features:

- Transmits METTLER TOLEDO continuous data to PLCs
- Slave device node profile
- Terminal block configuration supports twisted pair trunkline-dropline configuration with signal and 24 VDC at 200mA power in same line
- Supports MAC addresses 0-63
- Selectable baud rates of 125K, 250k, and 500k maximum
- Supports polled messaging with four defined assemblies
- Provides a single precision floating point number (displayed weight, displayed tare, recorded weight, recorded tare) and scale status bits (motion, gross/net, over capacity, below zero, communication error)
- Full EDS file support for METTLER TOLEDO profile
- Supports terminals configured with the "METTLER TOLEDO Continuous" protocol with optional "CTPZ"
- Supports RS232 serial interface only
- Supports autobaud ranging from 1200 to 19.2K baud
- 3 ft serial cable included
- Compatible with older METTLER TOLEDO scale terminals (such as 8510, 8530, 8146, 8142, and 8140)
- Small and compact
- Quick disconnects and easy setup for field replacement in minutes

Ordering Information

DeviceNet Bridge

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
DNB00001000	DeviceNet Bridge, 1.4 x 3.0 x 3.7 in (35 x 94 x 76.5 mm)	0.65 lb	\$713
64053820	DIN mount power supply, 85 - 264 VAC, 24 VDC at 1.0 amps (no power cord)		\$163



0991 Monorail HC

Overhead Track Scale Kits

0991 Monorail HC

APPLIED

Approvals: (load cells only)

- NTEP 5000d Class III, COC# 92-108
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Two 17-4 PH Stainless steel (Model 745) shear beam load cells
- 15 ft integrated load cell cable
- Two Epoxy painted mild steel load cell base plates
- Two Epoxy painted mild steel top and bottom mounting yokes
- TYPE 4X/IP65 stainless steel summing junction box with trim pots

Accessories:

- Price does not include instrument cable
- See pages WM-17 to WM-20 for Accessories

Notes:

- Assembly required
- Price does not include live weighing
- Consult factory for custom configurations
- OIML certified load cells are available at additional charge

Ordering Information

0991 Monorail HC Weigh Modules - Analog Junction Box included

Order Number	Number of Load Cells	Load Cell Capacity	End Load (System) Capacity	Shipping Weight (lb)	Suggested List Price (CDN\$)
09910011104	2	1250 lb	1250 lb	50 lb	\$2,809
09910011105		2500 lb	2500 lb	50 lb	\$2,809
09910011106		5000 lb	5000 lb	50 lb	\$2,809
09910011107		10,000 lb	10,000 lb	70 lb	\$3,522

0991 Monorail HC Weigh Modules - no Junction Box

Order Number	Number of Load Cells	Load Cell Capacity	End Load (System) Capacity	Shipping Weight (lb)	Suggested List Price (CDN\$)
09910001104	2	1250 lb	1250 lb	47 lb	\$2,459
09910001105		2500 lb	2500 lb	47 lb	\$2,459
09910001106		5000 lb	5000 lb	47 lb	\$2,459
09910001107		10,000 lb	10,000 lb	67 lb	\$3,172

Monorail Scales

0990 Monorail

Overhead Track Scale Kits

Produced in a facility that is



0990 Monorail

APPLIED

Approvals: (load cells only)

- NTEP 2500d Class III, Certification for static weighing COC# 95-144
- Factory Mutual (FM) Hazardous Area Approval

Standard Features:

- Two shaft mount stainless steel (Model 757) load cells
- 30 ft load cell cable
- Live weighing rail
- Approach and exit rails
- Support structure
- TYPE 4X/IP65 stainless steel summing junction box with trim pots

Accessories:

- Price does not include instrument cable
- See pages WM-17 to WM-20 for Accessories

Notes:

- Consult factory for custom configurations
- OIML certified load cells are available at additional charge

Ordering Information

0990 Monorail Weigh Modules - Mild Steel

Order Number	Number of Load Cells	Load Cell Capacity	End Load (System) Capacity	Live Rail Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
09900011102	2	1250 lb	1250 lb	2 ft	170 lb	\$3,496
09901011102				4 ft	200 lb	\$3,870
09900011103		2500 lb	2500 lb	2 ft	170 lb	\$3,997
09901011103				4 ft	200 lb	\$4,372
09900001102	2 (No J-Box)	1250 lb	1250 lb	2 ft	167 lb	\$3,146
09901001102				4 ft	197 lb	\$3,440
09900001103		2500 lb	2500 lb	2 ft	167 lb	\$3,322
09901001103				4 ft	197 lb	\$3,793

0990 Monorail Weigh Modules - Stainless Steel (structural components 304 SS)

Order Number	Number of Load Cells	Load Cell Capacity	End Load (System) Capacity	Live Rail Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
09900111102	2	1250 lb	1250	2 ft	170 lb	\$4,458
09901111102				4 ft	200 lb	\$4,943
09900111103		2500 lb	2500	2 ft	170 lb	\$5,101
09901111103				4 ft	200 lb	\$5,582
09900101102	2 (No J-Box)	1250 lb	1250	2 ft	167 lb	\$3,867
09901101102				4 ft	197 lb	\$4,327
09900101103		2500 lb	2500	2 ft	167 lb	\$4,475
09901101103				4 ft	197 lb	\$4,928



8857

8857

Strip Printer

APPLIED

Standard Features:

- Compact 9-pin dot matrix impact strip printer
- Fast, 4.7 lines per second print speed
- Drop-in auto paper loading
- Low paper sensor
- RS232 DB25f serial interface, 4800 or 9600 baud
- 100-240 VAC, 50/60 Hz
- Includes universal power supply, ribbon, and roll of paper

Ordering Information

8857 Strip Printer

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
88570001000	8857 Strip Printer	7 lb	\$753

8857 Printer Accessories

16107700A	Ribbon Cartridge - Black ink for 8857		\$7
14099200A	Strip Paper, single ply, 1 roll		\$6
140992050	Strip Paper, single ply, 1 case (50 rolls/case)		\$241
082294020	Strip Paper, two ply, 1 roll		\$6
082294CAS	Strip Paper, two ply, 1 case (50 rolls/case)		\$235
KN000000J94	Strip Paper, three ply, 1 roll		\$9
09640065000	20mA to RS232C Converter Kit		\$204

8857 Printer Cables

09000309000	15 ft RS232 Cable, Open-DB25	(for IND310drive, IND560, IND780, all Panther models, Speedweigh, Trimweigh III, Lynx, JagXtreme, Hawk)	\$66
09000313000	15 ft RS232 Cable, DB9-DB25	(for IND4x5, IND4x9, BBA4xx, Viper)	\$66
09000255000	20 ft RS232 Cable, DB9-DB25	(for IND221, Wildcat, Hawk Plastic)	\$66
71210304	5 ft RS232 Cable, Open-DB9 *	(for IND226)	\$110
	* Includes DB9f to DB25m adapter 14029500A		
503755	10 ft RS232 Cable, DIN-DB25 **	(for IND690, ViperEx)	\$110
	** ViperEx requires 22006549 PSU/...EX and 22006707 blue cable		
09000243000	6 ft RS232 Cable, DB25-DB25	(requires 09640043000 Converter) (for Puma)	\$66
09640043000	Fiber Optic to RS232 Converter		\$389
LC-RS25	6 ft Cable	(for PR, SR, SG, and older PG, PB, SB with LocalCAN)	\$190
11101052	3 ft RS232 Cable, DB9-DB25 ***	(for PG-S, PB, PB-S, SB Balances)	\$69
	***requires male gender changer		

APR310 Ticket Printer



APPLIED

Standard Features:

- Dot matrix printer for tickets and multipart forms up to 0.25mm thickness (3 ply maximum)
- High speed, up to 3.1 lines per second print speed
- 9 pin printhead
- Print button to request scale data
- RS232 DB25f serial interface
- 4KB buffer, 7x9 (half)
- 100-240 VAC, 50/60 Hz

Ordering Information

APR310 Ticket Printer

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
64058701	APR310 Ticket Printer	7 lb	\$1,291

APR310 Printer Accessories

64058790	Ribbon Cartridge for APR310 - Black ink		\$8
09640065000	20mA to RS232C Converter Kit		\$204

APR310 Printer Cables

09000309000	15 ft RS232 Cable, Open-DB25 (for IND310drive, IND560, IND780, all Panther models, Speedweigh, Trimweigh III, Lynx, JagXtreme, Hawk)		\$66
09000313000	15 ft RS232 Cable, DB9-DB25 (for IND4x5, IND4x9, BBA4xx, Viper)		\$66
09000255000	20 ft RS232 Cable, DB9-DB25 (for IND221, Wildcat, Hawk Plastic)		\$66
71210304	5 ft RS232 Cable, Open-DB9 * (for IND226)		\$110
* Includes DB9f to DB25m adapter 14029500A			
503755	10 ft RS232 Cable, DIN-DB25 ** (for IND690, ViperEx)		\$110
** ViperEx requires 22006549 PSU/...EX and 22006707 blue cable			
09000243000	6 ft RS232 Cable, DB25-DB25 (requires 09640043000 Converter)	(for Puma)	\$66
09640043000	Fiber Optic to RS232 Converter		\$389
LC-RS25	6 ft Cable (for PR, SR, SG, and older PG, PB, SB with LocalCAN)		\$190
11101052	3 ft RS232 Cable, DB9-DB25 *** (for PG-S, PB, PB-S, SB Balances)		\$69
***requires male gender changer			



8808

8808

Heavy Duty Ticket Printer

APPLIED

Standard Features:

- Dot matrix impact printer
- Used for tickets and multipart forms up to 5 parts (1 original and 4 copies)
- High speed, 233 characters per second print speed
- 9 pin printhead
- Remote print button to request scale data
- RS232 serial interface, 2400 - 19200 baud
- 100-240 VAC, 50/60 Hz

Ordering Information

8808 Heavy Duty Ticket Printer

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
88080001000	8808 Heavy Duty Ticket Printer	12 lb	\$1,729

8808 Printer Accessories

083516BLK	Ribbon Cartridge for 8808 - Black ink		\$11
09640065000	20mA to RS232C Converter Kit		\$204

8808 Printer Cables

09000309000	15 ft RS232 Cable, Open-DB25 (for IND310drive, IND560, IND780, all Panther models, Speedweigh, Trimweigh III, Lynx, JagXtreme, Hawk)		\$66
09000313000	15 ft RS232 Cable, DB9-DB25 (for IND4x5, IND4x9, BBA4xx, Viper)		\$66
09000255000	20 ft RS232 Cable, DB9-DB25 (for IND221, Wildcat, Hawk Plastic)		\$66
71210304	5 ft RS232 Cable, Open-DB9 * (for IND226)		\$110
	* Includes DB9f to DB25m adapter 14029500A		
503755	10ft RS232 Cable, DIN-DB25 ** (for IND690, ViperEx)		\$110
	** ViperEx requires 22006549 PSU/...EX and 22006707 blue cable		
09000243000	6 ft RS232 Cable, DB25-DB25 (requires 09640043000 Converter)	(for Puma)	\$66
09640043000	Fiber Optic to RS232 Converter		\$389
LC-RS25	6 ft Cable (for PR, SR, SG, and older PG, PB, SB with LocalCAN)		\$190
11101052	3 ft RS232 Cable, DB9-DB25 *** (for PG-S, PB, PB-S, SB Balances)		\$69
	***requires male gender changer		

Okidata Microline 320

Document Printer



APPLIED

Standard Features:

- Turbo Document printer
- Serial interface installed
- Print speed 300 characters per second
- Up to 6 part copies
- Friction and tractor feed
- Limited distributor discount
- 120 VAC, 60Hz

Ordering Information

Okidata Document Printer

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
90877800A	Okidata Microline 320 Turbo Document Printer	18 lb	\$983

Okidata Printer Accessories

083025020	Printer Tickets, Tractor Feed, 500 per carton	18 lb	\$74
09640065000	20mA to RS232C Converter Kit		\$204

Okidata Printer Cables

09000309000	15 ft RS232 Cable, Open-DB25 (for IND310drive, IND560, IND780, all Panther models, Speedweigh, Trimweigh III, Lynx, JagXtreme, Hawk)		\$66
09000313000	15 ft RS232 Cable, DB9-DB25 (for IND4x5, IND4x9, BBA4xx, Viper)		\$66
09000255000	20 ft RS232 Cable, DB9-DB25 (for IND221, Wildcat, Hawk Plastic)		\$66
71210304	5 ft RS232 Cable, Open-DB9 * (for IND226)		\$110
* Includes DB9f to DB25m adapter 14029500A			
503755	10 ft RS232 Cable, DIN-DB25 ** (for IND690, ViperEx)		\$110
** ViperEx requires 22006549 PSU/...EX and 22006707 blue cable			
09000243000	6 ft RS232 Cable, DB25-DB25 (requires 09640043000 Converter)	(for Puma)	\$66
09640043000	Fiber Optic to RS232 Converter		\$389
LC-RS25	6 ft Cable (for PR, SR, SG, and older PG, PB, SB with LocalCAN)		\$190
11101052	3 ft RS232 Cable, DB9-DB25 *** (for PG-S, PB, PB-S, SB Balances)		\$69
***requires male gender changer			



8863



8867

8863/8867

Label Printers

APPLIED

8863 Standard Features:

- Compact, formattable thermal label printer
- Print on die cut, continuous, or pre-printed labels
- Print text, barcodes, and graphic images
- Format labels using LabelBLAZER design program
- Hold up to 5" diameter label rolls
- Thermal transfer model holds 361 ft (110 m) ink ribbon
- Centronics® parallel interface
- RS232 serial interface
- Up to 4.1" wide labels
- 100-240 VAC, 50/60Hz
- Universal power supply

8867 Standard Features:

- Heavy duty thermal label printer
- Print speeds up to 8" per second
- Print text, barcodes, and graphic images
- Format labels using LabelBLAZER design program
- Hold up to 8" (203 mm) diameter label rolls.
- Internal backing rewinder is standard
- Centronics® parallel interface
- RS232 serial interface
- Up to 4.1" wide labels
- 90-204 VAC, 47/63 Hz

Note: The 8863 and 8867 printers are not drop-in replacements for 8861 or 8865 printers.

In many applications, the 8863 or 8867 printer will require modifications to the instrument of computer output string.

Ordering Information
8863/8867 Label Printer

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
88630001000	8863 Direct Thermal label printer, 203 dpi resolution	6 lb	\$1,066
88630002000	8863 Thermal Transfer label printer, 203 dpi resolution	6 lb	\$1,185
88630003000	8863 Direct Thermal label printer, 300 dpi resolution	6 lb	\$1,303
88630004000	8863 Thermal Transfer label printer, 300 dpi resolution	6 lb	\$1,421
88670001000	8867 Direct Thermal label printer, 203 dpi resolution	40 lb	\$2,425
88670002000	8867 Thermal Transfer label printer, 203 dpi resolution	40 lb	\$2,570
88670003000	8867 Direct Thermal label printer, 300 dpi resolution	40 lb	\$3,288
88670004000	8867 Thermal Transfer label printer, 300 dpi resolution	40 lb	\$3,401

8863/8867 Printer Accessories

09640065000	20mA to RS232C Converter Kit		\$204
09010444000	LabelBLAZER Design Program	(requires 09000277000 cable)	\$435
09000277000	15 ft RS232C 9 pin female cable		\$66
226457	Transfer Ribbon for 8863 (Qty 1)		\$19
085122020	Transfer Ribbon for 8867 (Qty 1)		\$28
085389020	Peel and Present Kit for 8867 only		\$393

LabelBlazer may not be 100% compatible with all current instruments and is not compatible with many out-of-production units.

Printers and Printer Cables

8863/8867 Label Printers

8863 Printer Labels

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
MTI83	Direct thermal labels, 2.625" x 0.971" - 900 labels/roll, 10 rolls/case, price is per case		\$49
MTI84	Direct thermal labels, 2.625" x 1.718" - 550 labels/roll, 10 rolls/case, price is per case		\$51
MTI85	Direct thermal labels, 2.625" x 2.651" - 350 labels/roll, 10 rolls/case, price is per case		\$47
MTI86	Direct thermal labels, 2.625" x 3.9" - 250 labels/roll, 10 rolls/case, price is per case		\$47
MTI95	Direct thermal labels, 2.625" x 4.25" - 300 labels/roll, 30 rolls/case, price is per case		\$101
MTI104	Direct thermal labels, 3.25" x 4.75" - 435 labels/roll, 10 rolls/case, price is per case		\$92
MTI231	Direct thermal labels, 4" x 3" - 600 labels/roll, 16 rolls/case, price is per case		\$159
MTI232	Thermal transfer labels, 4" x 3" - 600 labels/roll, 16 rolls/case, 8 ribbons/case, price is per case		\$220

8867 Printer Labels

MTI83	Direct thermal labels, 2.625" x 0.971" - 900 labels/roll, 10 rolls/case, price is per case		\$49
MTI84	Direct thermal labels, 2.625" x 1.718" - 550 labels/roll, 10 rolls/case, price is per case		\$51
MTI85	Direct thermal labels, 2.625" x 2.651" - 350 labels/roll, 10 rolls/case, price is per case		\$47
MTI86	Direct thermal labels, 2.625" x 3.9" - 250 labels/roll, 10 rolls/case, price is per case		\$47
MTI95	Direct thermal labels, 2.625" x 4.25" - 300 labels/roll, 30 rolls/case, price is per case		\$101
MTI104	Direct thermal labels, 3.25" x 7.25" - 435 labels/roll, 10 rolls/case, price is per case		\$92
MTI96	Direct thermal labels, 4" x 2" - 2940 labels/roll, 4 rolls/case, price is per case		\$152
MTI97	Direct thermal labels, 4" x 3" - 2000 labels/roll, 4 rolls/case, price is per case		\$152
MTI98	Direct thermal labels, 4" x 4" - 1510 labels/roll, 4 rolls/case, price is per case		\$152
MTI99	Direct thermal labels, 4" x 6" - 1040 labels/roll, 4 rolls/case, price is per case		\$157
MTI100	Thermal transfer labels, 4" x 2" - 2940 labels/roll, 4 rolls/case, 2 ribbons/case, price is per case		\$187
MTI101	Thermal transfer labels, 4" x 3" - 2000 labels/roll, 4 rolls/case, 2 ribbons/case, price is per case		\$179
MTI102	Thermal transfer labels, 4" x 4" - 1510 labels/roll, 4 rolls/case, 2 ribbons/case, price is per case		\$132
MTI103	Thermal transfer labels, 4" x 6" - 1040 labels/roll, 4 rolls/case, 2 ribbons/case, price is per case		\$129
MTI231	Direct thermal labels, 4" x 3" - 600 labels/roll, 16 rolls/case, price is per case		\$159
MTI232	Thermal transfer labels, 4" x 3" - 600 labels/roll, 16 rolls/case, 8 ribbons/case, price is per case		\$220

8863/8867 Printer Cables

09000309000	15 ft RS232 Cable, Open-DB25 (for IND310drive, IND560, IND780, all Panther models, Speedweigh, Trimweigh III, Lynx, JagXtreme, Hawk)		\$66
21302921	15 ft RS232 Cable, DB9-DB9 (for IND4x5, IND4x9, BBA4xx, Viper)		\$86
Adapter Required			
09000255000	20 ft RS232 Cable, DB9-DB25 (for IND221, Wildcat, Hawk Plastic)		\$66
71210304	5 ft RS232 Cable, Open-DB9 * (for IND226)		\$110
* Includes DB9f to DB25m adapter 14029500A			
503755	10 ft RS232 Cable, DIN-DB25 ** (for IND690, ViperEx)		\$110
** VipeX requires 22006549 PSU/...EX and 22006707 blue cable			
09000243000	6 ft RS232 Cable, DB25-DB25 (requires 09640043000 Converter)	(for Puma)	\$66
09640043000	Fiber Optic to RS232 Converter		\$389
LC-RS25	6 ft Cable (for PR, SR, SG, and older PG, PB, SB with LocalCAN)		\$190
11101052	3 ft RS232 Cable, DB9-DB25 *** (for PG-S, PB, PB-S, SB Balances)		\$69
***requires male gender changer			



GA46

GA46

Thermal Printer

APPLIED

Standard Features:

- Wall-mountable, stainless steel housing
- Fast printing, up to 2.75 inches per second
- Compact design, 155 mm x 283 mm (6" x 11")
- RS232 serial interface
- Direct thermal transfer
- 191 dpi resolution
- Multiple barcode formats when used with ID7sx or IND690

Ordering Information**GA46 Thermal Printer**

Order Number	Description	Operating Voltage	Shipping Weight (lb)	Suggested List Price (CDN\$)
505471	GA46 thermal printer, RS232, cable 8 ft (2.5 m)			\$1,875
507229	GA46 thermal printer, RS232, cable 16 in. (0.4 m)			\$1,875
505799	GA46 thermal printer, RS232, cable 8 ft (2.5 m), TYPE 4/IP65 (with re-winder)			\$2,543
507230	GA46 thermal printer, RS232, cable 16 in. (0.4 m), TYPE 4/IP65 (with re-winder)			\$2,543

GA46 Printer Accessories

503702	GA46 Paper - thermal, 24 rolls/box			\$204
504144	GA46 Label stock continues # roll, 24 rolls/box			\$301
507224	GA46 Protective cover			\$110
504130	GA46 Bracket to wall			\$259

8863/8867 Printer Cables

208668	GA46 Adapter - 8pin DIN female - DB9f			\$110
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Notes

7260-3000 DigiTOL® RAILMATE®

With Pandrol® e-Clip® Rail Fastening System

CONSULTATIVE

Approvals:

- NTEP COC 90-001A1, Measurement Canada approval #AM-4901
- Hazardous Area Protection Class I, II, & III, Division 1 & 2, Groups C, D, E, F, & G, Temperature Code: T4

Standard Features:

- Five (5) year No Risk guarantee with Strikeshield Lightning Protection System
- 100,000 lb (45t) MTX load cells, j-boxes, and load cell cables
- Pandrol e-Clip rail mounting system ready to receive 115# AREA rail. Shoulders and clips included
- Anti-creep brackets for scale weighbridge, approach and center slab (if applicable) rails at the foundation end walls
- Installation KOP, adjustable checking system, safety stands, and foundation steel (load-cell mounting plates and embeds)
- For Hazardous Area-intrinsic safe barrier box(es) and external power supply
- Weighbridge module(s) designed for Cooper E80 loading
- One set of Installation and service manuals and one set of foundation prints

Options:

- Cooper E100 loading. Consult METTLER TOLEDO
- 200K POWERCELL available if required. Contact METTLER TOLEDO for specifications and pricing.
- 115 lb rail size standard, other rail sizes available, specify size and classification when ordering.

Notes:

- Prices do not include Indicator, printer, tickets, deck rebar, deck sheeting, foundation coping, foundation reinforcing steel, approach embedded hardware, home run cable, freight or installation. Canadian prices do not include ONT, PST, or GST.
- Indicate governing railroad when ordering. For applications requiring rail bolt and clip rail mounting systems see 7260-4000 series

Ordering Information
7260-3000 DigiTOL RAILMATE with Pandrol e-Clip Rail Fastening System

Order Number	Module Combos	Capacity (T) Total Section	Shipping Weight (lb)	Suggested List Price (CDN\$)
72603001M	12.5'	85 85	6000	\$29,301
72603002M	25'	170 85	11,000	\$45,949
72603011M	12.5'/12.5'	170 85	12,000	\$58,569
72603012M	12.5'/25'	170 85	18,000	\$75,526
72603004M	50'	170 85	21,000	\$83,746
72603022M	25'/25'	170 85	22,000	\$92,175
72603005M	62.5'	170 85	26,000	\$100,230
72603006M	75'	170 85	31,000	\$117,522

Coupled In-Motion¹ 7260-3000 DigiTOL RAILMATE with Pandrol e-Clip Rail Fastening System

72603001MIM	12.5'	85 85	6000	\$30,875
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7260-3000 DigiTOL RAILMATE - Hazardous Area with Pandrol e-Clip Rail Fastening System

72603H01M	12.5'	85 85	6000	\$34,122
72603H02M	25'	170 85	11,000	\$50,770
72603H11M	12.5'/12.5'*	170 85	12,000	\$63,390
72603H12M	12.5'/25'*	170 85	18,000	\$81,803
72603H04M	50'*	170 85	21,000	\$88,566
72603H22M	25'/25'*	170 85	22,000	\$101,935
72603H05M	62.5'*	170 85	26,000	\$106,110
72603H06M	75'**	170 85	31,000	\$126,069

Coupled In-Motion¹ 7260-3000 DigiTOL RAILMATE - Hazardous Area with Pandrol e-Clip Rail Fastening System

72603H01MIM	12.5'	85 85	6000	\$35,693
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* Requires two (2) home run cables ** Requires three (3) home run cables

¹ Add an In-motion rail car controller (IND9R86)

7260-3000 RAILMATE

7260-3000 DigiTOL RAILMATE Concrete Deck with Pandrol e-Clip Rail Fastening System

Order Number	Module Combos	Capacity (T)		Shipping Weight (lb)	Suggested List Price (CDN\$)
		Total	Section		
72603001MCD	12.5'	85	85	5800	\$30,640
72603002MCD	25'	170	85	10,600	\$48,624
72603011MCD	12.5'/12.5'	170	85	11,600	\$61,243
72603012MCD	12.5'/25'	170	85	16,400	\$79,540
72603004MCD	50'	170	85	20,200	\$89,251
72603022MCD	25'/25'	170	85	21,200	\$97,525
72603005MCD	62.5'	170	85	25,000	\$106,919
72603006MCD	75'	170	85	29,800	\$125,549

7260-3000 DigiTOL RAILMATE Concrete Deck-Hazardous Area with Pandrol e-Clip Rail Fastening System

Order Number	Module Combos	Capacity (T)		Shipping Weight (lb)	Suggested List Price (CDN\$)
		Total	Section		
72603H01MCD	12.5'	85	85	5800	\$35,460
72603H02MCD	25'	170	85	10,600	\$53,445
72603H11MCD	12.5'/12.5'*	170	85	11,600	\$66,064
72603H12MCD	12.5'/25'*	170	85	16,400	\$85,816
72603H04MCD	50'*	170	85	20,200	\$94,973
72603H22MCD	25'/25'*	170	85	21,200	\$107,282
72603H05MCD	62.5'*	170	85	25,000	\$112,797
72603H06MCD	75'**	170	85	29,800	\$134,095

* Requires two (2) home run cables ** Requires three (3) home run cables

7260-3000 DigiTOL RAILMATE Hardware for 115 lb AREA

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TN200713	Approach rail plate (10" x 8" x ¾")	17	\$79
TN300995	#62 Rail clip for approach plates (each)	3	\$12.00

Pandrol® and e-Clip® are registered trademarks of Pandrol Corporation.

7260-4000 DigiTOL® RAILMATE®

With Rail Bolt and Clip Fastening System

CONSULTATIVE

Approvals:

- NTEP COC 90-001A1, Measurement Canada approval #AM-4901 (7260CIM AM-5313)
- Hazardous Area Protection Class I, II, & III, Division 1 & 2, Groups C, D, E, F, & G, Temperature Code: T4

Standard Features:

- Five (5) year No Risk guarantee with Strikeshield Lightning Protection System
- 100,000 lb (45t) MTX load cells, j-boxes, and load cell cables
- Main beams are ready to receive 115# AREA Rail (rail clips and bolts are **NOT** included)
- Anti-creep brackets for scale weighbridge, approach and center slab (if applicable) rails at the foundation end walls
- Installation KOP, adjustable checking system, safety stands, and foundation steel (load-cell mounting plates and embeds)
- For Hazardous Area-intrinsic safe barrier box(es) and external power supply
- Weighbridge module(s) designed for Cooper E80 loading
- One set of Installation and service manuals and one set of foundation prints

Options:

- Cooper E100 loading. Consult METTLER TOLEDO
- 200K POWERCELL available if required. Contact METTLER TOLEDO for specifications and pricing.
- 115 lb rail size standard, other rail sizes available, specify size and classification when ordering.

Notes:

- Prices do not include Indicator, printer, tickets, deck rebar, deck sheeting, foundation coping, foundation reinforcing steel, approach embedded hardware, home run cable, freight or installation. Canadian prices do not include ONT, PST, or GST.
- Indicate governing railroad when ordering. For applications requiring Pandrol® Clip® rail mounting systems, see 7260-3000 series

Ordering Information
7260-4000 DigiTOL RAILMATE with Rail Bolt and Clip Fastening System

Order Number	Module Combos	Capacity (T) Total Section	Shipping Weight (lb)	Suggested List Price (CDN\$)
72604001M	12.5'	85 85	6000	\$30,329
72604002M	25'	170 85	11,000	\$47,179
72604011M	12.5'/12.5'	170 85	12,000	\$60,233
72604012M	12.5'/25'	170 85	18,000	\$77,393
72604004M	50'	170 85	21,000	\$85,846
72604022M	25'/25'	170 85	22,000	\$94,244
72604005M	62.5'	170 85	26,000	\$102,407
72604006M	75'	170 85	31,000	\$119,832

Coupled In-Motion¹ 7260-4000 DigiTOL RAILMATE with Rail Bolt and Clip Fastening System

72604001MIM	12.5'	85 85	6000	\$31,897
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7260-4000 DigiTOL RAILMATE - Hazardous Area with Rail Bolt and Clip Fastening System

72604H01M	12.5'	85 85	6000	\$35,149
72604H02M	25'	170 85	11,000	\$52,000
72604H11M	12.5'/12.5'*	170 85	12,000	\$65,054
72604H12M	12.5'/25'*	170 85	18,000	\$82,213
72604H04M	50'*	170 85	21,000	\$90,667
72604H22M	25'/25'*	170 85	22,000	\$102,789
72604H05M	62.5'*	170 85	26,000	\$110,953
72604H06M	75'**	170 85	31,000	\$128,380

Coupled In-Motion¹ 7260-4000 DigiTOL RAILMATE - Hazardous Area with Rail Bolt and Clip Fastening System

72604H01MIM	12.5'	85 85	6000	\$36,728
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* Requires two (2) home run cables ** Requires three (3) home run cables

¹ Add an In-motion rail car controller (IND9R86)

7260-4000 RAILMATE®

7260-4000 DigiTOL RAILMATE Concrete Deck with Rail Bolt and Clip Fastening System

Order Number	Module Combos	Capacity (T)		Shipping Weight (lb)	Suggested List Price (CDN\$)
		Total	Section		
72604001MCD	12.5'	85	85	5800	\$31,665
72604002MCD	25'	170	85	10,600	\$49,851
72604011MCD	12.5'/12.5'	170	85	11,600	\$62,907
72604012MCD	12.5'/25'	170	85	16,400	\$81,406
72604004MCD	50'	170	85	20,200	\$91,195
72604022MCD	25'/25'	170	85	21,200	\$99,594
72604005MCD	62.5'	170	85	25,000	\$109,095
72604006MCD	75'	170	85	29,800	\$127,858

7260-4000 DigiTOL RAILMATE Concrete Deck-Hazardous Area with Rail Bolt and ClipFastening System

Order Number	Module Combos	Capacity (T)		Shipping Weight (lb)	Suggested List Price (CDN\$)
		Total	Section		
72604H01MCD	12.5'	85	85	5800	\$36,486
72604H02MCD	25'	170	85	10,600	\$54,673
72604H11MCD	12.5'/12.5'*	170	85	11,600	\$67,729
72604H12MCD	12.5'/25'*	170	85	16,400	\$86,228
72604H04MCD	50'*	170	85	20,200	\$96,016
72604H22MCD	25'/25'*	170	85	21,200	\$108,139
72604H05MCD	62.5'*	170	85	25,000	\$117,639
72604H06MCD	75'**	170	85	29,800	\$136,404

* Requires two (2) home run cables ** Requires three (3) home run cables

7260-4000 DigiTOL RAILMATE Hardware for 115 lb AREA

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TN200713	Approach rail plate (10" x 8" x ¾")	17	\$79
TN300995	#62 Rail clip for approach plates (each)	3	\$12.00
MZ0901010148	Live rail weighbridge deck bolt (1"-8 x 3" A432)	2	\$4.68

Pandrol® and e-Clip® are registered trademarks of Pandrol Corporation.

7360 Combo DigiTOL® RAILMATE®

Combination Rail/Truck Scale

CONSULTATIVE

Approvals:

- NTEP COC 94-013A2, Measurement Canada approval #AM-4901
- Hazardous Area Protection Class I, II, & III, Division 1 & 2, Groups C, D, E, F, & G, Temperature Code: T4

Standard Features:

- Five (5) year No Risk guarantee with Strikeshield Lightning Protection System
- 100,000 lb (45t) MTX load cells, j-boxes, and load cell cables
- Two (2) manholes
- Main beams are ready to receive 115# AREA Rail (rail clips and bolts are **NOT** included)
- Installation KOP, safety stands, and foundation steel (load-cell mounting plates and embeds)
- For Hazardous Area-intrinsic safe barrier box(es) and external power supply
- Weighbridge module(s) designed for Cooper E80 loading
- Vehicle Scale is 60,000lb Dual Tandem rated.
- Deck Channel for Field Assembly
- One set of Installation and service manuals and one set of foundation prints

Options:

- Other scale lengths.
- Cooper E100 loading.
- 200K POWERCELL available, if required.
- Rail clips and bolts for rail mounting.
- Pandrol e-Clip rail mounting
- 115 lb rail size standard, other rail sizes available, specify size and classification when ordering.
- Anti-creep brackets for scale weighbridge and approach rails at the foundation end walls

Notes:

- Prices do not include Indicator, printer, tickets, deck rebar, deck sheeting, foundation coping, foundation reinforcing steel, approach embedded hardware, home run cable, freight or installation. Canadian prices do not include ONT, PST, or GST.
- Indicate governing railroad when ordering.

Ordering Information
7360 DigiTOL RAILMATE Combination Rail/Truck Scale

Order Number	Size	Capacity (T)		Shipping Weight (lb)	Suggested List Price (CDN\$)
		Total	Section		
7360MT6010A	60' x 10'	170	85	31,000	\$104,674
7360MT7510A	75' x 10'	170	85	38,500	\$117,832

7360 DigiTOL RAILMATE Combination Rail/Truck Scale - Hazardous Area

7360MH6010A	60' x 10'*	170	85	31,000	\$111,836
7360MH7510A	75' x 10'**	170	85	38,500	\$126,585

* Requires two (2) home run cables ** Requires three (3) home run cables

Railroad Scales

7360 Combo DigiTOL[®] RAILMATE[®]

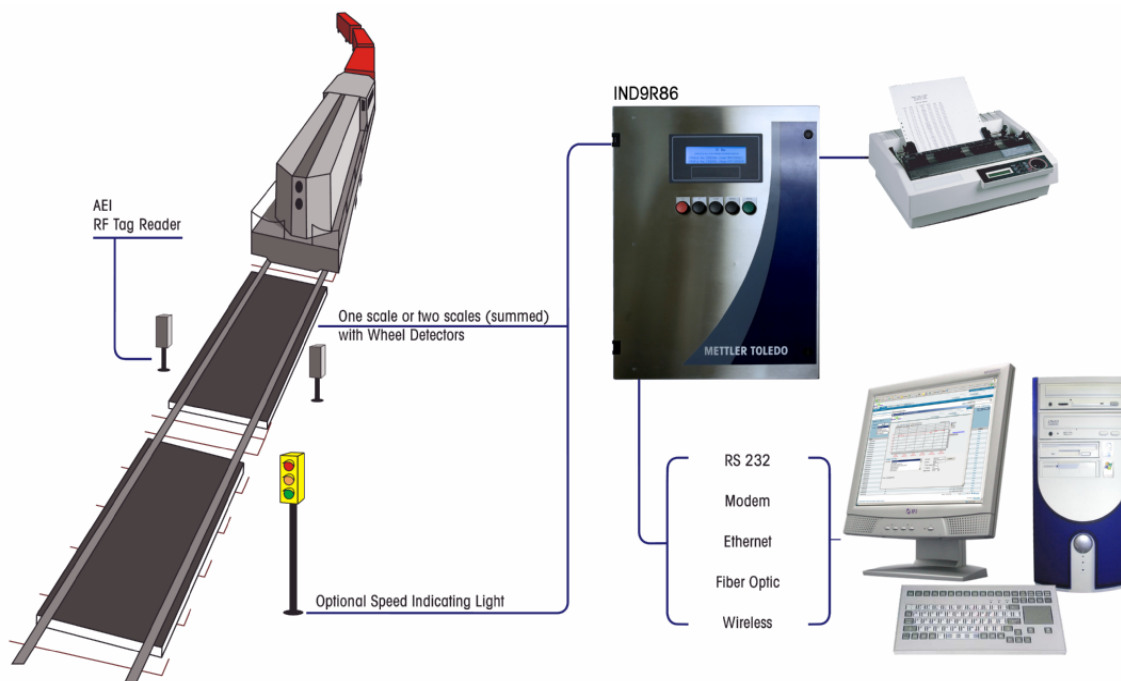
7360 Combo DigiTOL RAILMATE Hardware for 115 lb AREA

The hardware items listed below are offered as a convenience to the customer. METTLER TOLEDO recommends that all hardware be purchased from a rail supply house.

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TC201651-8	Anti-creep brackets - 60' and 75' scales	650 lbs	\$2,213
MZ0901010038	Live rail bolt - 1"-8 UNC x 5" grade 5	2 lbs	\$14
MZ0901020047	Live rail hex nut - 1"-8 UNC-2B grade 5		\$2.20
MZ0901030026	Live rail lock washer - 1" diameter		\$1.10
TN300995	#62 Rail clip for approach plates (each)	3 lbs	\$12.00
TN200713	Approach rail plate (10" x 8" x ¾")	17 lbs	\$79

IND9R86 In-Motion Controller

AEI Interface			Shipping Weight (lb)	Suggested List Price (CDN\$)
Order Number	Description			
0	None			\$0
2	Optically isolated interface to 2x RS232 AEI Reader			\$358
4	Optically isolated interface to 2x RS422/485 AEI Reader			\$1,496
Wheel Detectors				
• 100' of cable supplied with each wheel detector kit				
0	No wheel detectors			\$0
4	Four (4) Wheel Detectors with brackets			\$4,945
8	Eight (8) Wheel Detectors with brackets			\$9,895
I/O				
0	None			\$0
1	One (1) solid state relay output, 5A, 12-240 VAC (Overcapacity)			\$171
2	Future			\$0
3	Three (3) SS relay op's, 5A, 12-240 VAS (Speed 1, Speed 2, Scale Ready)			\$484
Hazardous				
0	Scale and IND9R86 in Safe Area			\$0
1	Scale in Class1, Div2, Zone2/22 Hazardous Area, IND9R86 in Safe Area			\$0
Other				
0	Standard Unit			\$0
11	Rollback Detection and Recover Software Module			\$578
01-99	Custom Hardware or Software			Call CSS





7461 TRUCKMATE™

Orthotropic Steel Deck Scale
Commercial Duty Applications

COMMERCIAL

Approvals:

- NTEP COC # 01-070, temperature code: T4
- H44 Analog or POWERCELL Load Cells, 10,000d

Standard Features:

- Five (5) year warranty
- 60,000 lb (30.0 t) Model 0782 analog rocker column load cell
- Above ground and pit installation available (no shallow pit)
(Pit install requires 4 threaded 1.25-7 eyebolts from others)
- 3 sets of drawings (additional drawing sets or PE stamp extra)
- 60,000 lb Concentrated Load Capacity (CLC)
- Base plates, installation KOP, and anchor bolts
- 16" profile (18-1/4" POWERCELL),
top of deck to bottom of base plate
- 4-1/2" minimum clearance under scale

Options:

- 55,000 lb (25 t) POWERCELL MTX load cell
(includes 2 year Strikeshield™ warranty)
- Riser base plates
- Temporary frame
- Lightning protection kit (Analog load cells)
- Manholes
- Side rail mounting brackets
- Side rails

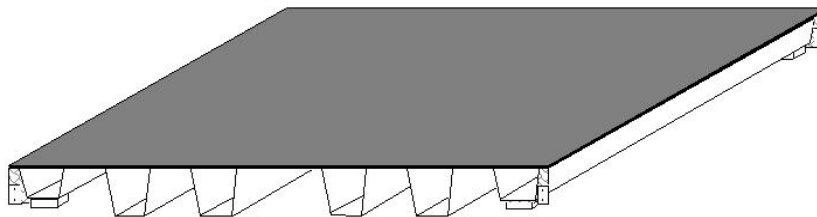
Accessories:

- IND310drive or Lynx or JagXTREME indicator (Analog)
- IND310drive or JagXTREME indicator (POWERCELL)
- OverDrive vehicle scale management software
- Home run cable
- Remote Display
- Locating tools

Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

7461



Variable Footer Foundation Prints

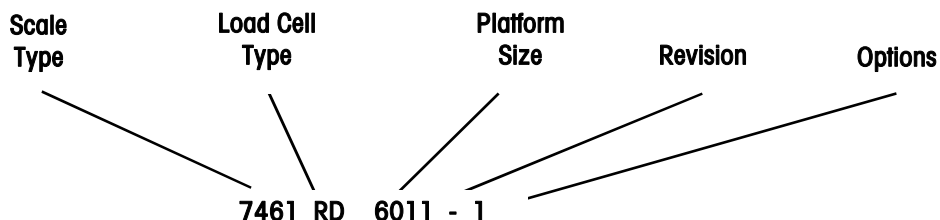
Size	7461RD (Analog)	7461SD (POWERCELL)
17.5' x 11'	TC204938	---
20' x 11'	TC204939	---
35' x 11'	TC204940	---
40' x 11'	TC204931	---
52.5' x 11'	TC204941	---
60' x 11'	TC204952	---
70' x 11'	TC204905	TC205949
80' x 11'	TC204859	TC205950
90' x 11'	TC204942	---
100' x 11'	TC204943	---

Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

Truck/Vehicle Scales

7461 TRUCKMATE™

7461 Model Configuration



Ordering Information

7461 Load Cell Type

Order Number	Description	Suggested List Price (CDN\$)
RD	30t Model 0782 Analog load cells	\$0
SD	25t POWERCELL MTX load cells (add price to Standard)	
	substitute 4 POWERCELL MTX (includes LPO)	\$2,038
	substitute 6 POWERCELL MTX (includes LPO)	\$2,738
	substitute 8 POWERCELL MTX (includes LPO)	\$3,432
	substitute 10 POWERCELL MTX (includes LPO)	\$4,124
	substitute 12 POWERCELL MTX (includes LPO)	\$4,817

7461 Platform Size

Order Number	Dimensions Length	Dimensions Width	Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
17WW	17'	9'-10"	4	1	17.5'	5475 lb	\$13,054
1711		11'				5750 lb	
20WW	20'	9'-10"	4	1	20'	6240 lb	\$13,819
2011		11'				6550 lb	
35WW	35'	9'-10"	6	2	17.5'	10,150 lb	\$23,092
3511		11'				10,700 lb	
40WW	40'	9'-10"	6	2	20'	12,280 lb	\$24,534
4011		11'				12,900 lb	
52WW	52.5'	9'-10"	8	3	17.5'	15,925 lb	\$33,693
5211		11'				16,750 lb	
60WW	60'	9'-10"	8	3	20'	17,920 lb	\$37,184
6011		11'				18,850 lb	
70WW	70'	9'-10"	10	4	17.5'	23,660 lb	\$43,093
7011		11'				24,900 lb	
80WW	80'	9'-10"	10	4	20'	26,840 lb	\$47,416
8011		11'				28,250 lb	
90WW	90'	9'-10"	12	5	4-17.5'	29,500 lb	\$56,062
9011		11'			1-20'	31,050 lb	
100W	100'	9'-10"	12	5	20'	35,340 lb	\$60,169
1001		11'				37,200 lb	

7461 Revision

Order Number	Description	Suggested List Price (CDN\$)
-	Current engineering revision level (always the latest)	\$0

7461 TRUCKMATE™

7461 Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
1	Two (2) Manholes - First and End Module		\$1,254
3	One (1) Manholes - First Module		\$670
S	Side Rail Mounting Brackets - per module, both sides (rails available below)		\$283

7461 TRUCKMATE Lightning Protection Options

TB100749-1	Analog Load Cell Lightning Protection Kit - includes two (2) year warranty ***requires TA000108 Home Run Cable***		\$913
3rd Year Extended Warranty	Extends Lightning Protection warranty one year (parts and labor only). Pre-order at any time, in any quantity, but warranties run consecutively and must be ordered before current warranty expires. No discounts applied.		\$589
4th Year Extended Warranty			\$589
5th Year Extended Warranty			\$589

7461 Customizations

Order Number	Description	Suggested List Price (CDN\$)
*	Shorten modules - less than standard (per module)	\$825
*	Temporary Frame (see Accessories section for details)	Call

7461 TRUCKMATE Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot)		\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L		\$5.67
TA204852	Locating Tool - Model 0782 Analog Load Cell		\$106
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX		\$106
*	Base plate upgrade adder per loadcell - 3" riser (new scale orders only) **		\$228
*	Base plate upgrade adder per loadcell - 6" riser (new scale orders only) **		\$266
TB100780-1	Analog Two-Stage Lightning Protection Kit (for existing analog truck scales) NOTE: Warranty coverage not included		\$1,513
TC204907-17	Side Rail Kit - per 17.5' Module (required bracket available above)		\$1,008
TC204907-20	Side Rail Kit - per 20' Module (required bracket available above)		\$1,063

* These are Customizations - Order Numbers will be assigned after placement of order.

** Cannot be used with Temporary Frame Option

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section

Scoreboards - refer to Instrumentation Accessories section



7531 TRUCKMASTER™

Concrete Deck Above Ground Scale

Commercial Duty Applications

APPLIED

Approvals:

- NTEP COC # 92-204A2, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #AM-4900

Standard Features:

- Five (5) year NO RISK Guarantee
- Strikeshield™ Lightning Protection System
- 55,000 lb (25 t) POWERCELL MTX load cell
- Bolt-together weigh bridge modules
- Concrete deck
- Approximate side rail height is 12"
- 45,000 lb Dual-Tandem axle rating
- Base plates, installation KOP, and anchor bolts
- 19.5" profile, top of deck to bottom of base plate
- 11" minimum clearance under scale
- Stainless Steel Sheathed Cable and J-Box(es)
- 3 sets of drawings (additional drawing sets or PE stamp extra)

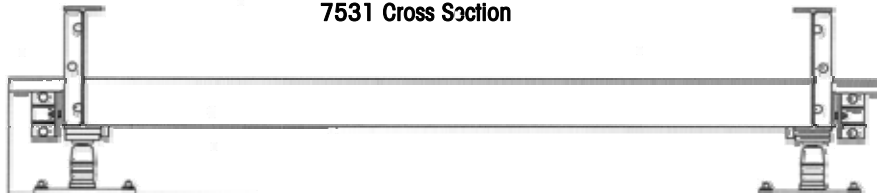
Accessories:

- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Remote Display
- Home run cable
- Locating tools

Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

7531 Cross Section



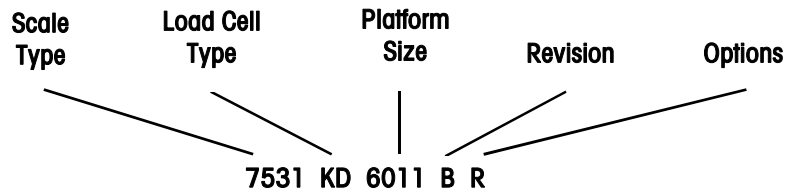
Foundation Prints

Size	Variable Footer	Beam Slab	Size	Variable Footer	Beam Slab
10' x 10'	TC203898	---	10' x 11'	TC203901	---
12' x 10'	TC203899	---	12' x 11'	TC203902	---
20' x 10'	TC203636	---	20' x 11'	TC203643	---
25' x 10'	TC203637	---	25' x 11'	TC203644	---
40' x 10'	TC203638	---	40' x 11'	TC203675	---
50' x 10'	TC203639	TC203876	50' x 11'	TC203646	---
60' x 10'	TC203640	---	60' x 11'	TC203647	TC204458
70' x 10'	TC203641	TC203795	70' x 11'	TC203648	TC203672
80' x 10'	TC203642	TC203877	80' x 11'	TC203649	TC203673
90' x 10'	TC203900	---	90' x 11'	TC203903	---
100' x 10'	TC204322	---	100' x 11'	TC204321	---
110' x 10'	TC204153	---	111' x 11'	---	---
120' x 10'	---	---	120' x 11'	TC204439	---

Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

7531 TRUCKMASTER™

7431 Model Configuration



Ordering Information

7531 Load Cell Type

Order Number	Description	Suggested List Price (CDN\$)
KD	25 t POWERCELL MTX (MAX HR cable length 900')	\$0
KH	Hazardous (12 load cells or less) Includes 09170198 Intrinsic Safe Barrier(s) and	\$3,637
KH	Hazardous (14 load cells or more) TA100590 Power Supply (when JagXTREME is used.)	\$6,445

(Hazardous Note: MAX HR cable length is 400'. 8-12 cell scales require 2 HR cables. 14-18 cells require 3.)

7531 Platform Size

Order Number	Dimensions Length Width	Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
1010	10' 10'	4	1	10'	3000 lb	\$15,133
1011	10' 11'			10'	3100 lb	
1210	12' 10'			12'	3200 lb	\$15,407
1211	12' 11'			12'	3300 lb	
2010	20' 10'	6	2	20'	4200 lb	\$16,142
2011	20' 11'			20'	4300 lb	
2510	25' 10'			25'	4900 lb	\$16,876
2511	25' 11'			25'	5000 lb	
4010	40' 10'	8	3	20'	7800 lb	\$27,694
4011	40' 11'			20'	8000 lb	
5010	50' 10'			25'	9200 lb	\$29,528
5011	50' 11'			25'	9400 lb	
6010	60' 10'	10	4	20'	11,400 lb	\$41,080
6011	60' 11'			20'	11,700 lb	
7010	70' 10'			2-25'	12,800 lb	\$42,914
7011	70' 11'			1-20'	13,100 lb	
8010	80' 10'	12	5	20'	14,900 lb	\$50,983
8011	80' 11'			20'	15,300 lb	
9010	90' 10'			2-25'	16,300 lb	\$53,002
9011	90' 11'			2-20'	16,700 lb	
1000	100' 10'	14	6	20'	18,500 lb	\$61,253
1001	100' 11'			20'	19,000 lb	
1100	110' 10'			2-25'	19,900 lb	\$64,555
1101	110' 11'			3-20'	20,400 lb	
1200	120' 10'	14	6	20'	22,100 lb	\$72,805
1201	120' 11'				22,700 lb	

7531 Revision

Order Number	Description	Suggested List Price (CDN\$)
B	Current engineering revision level (always the latest)	\$0

Truck/Vehicle Scales

7531 TRUCKMASTER™

7531 Options

Order Number	Description	Suggested List Price (CDN\$)
R	Standard finish	\$0
G	Galvanized finish	Call

7531 Customizations

Order Number	Description	Suggested List Price (CDN\$)
*	Wide Modules - 12' - per module	\$688

* These are Customizations - Order Numbers will be assigned after placement of order.

7531 TRUCKMATE Accessories

top of deck to bottom of base plate

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')		\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L		\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX		\$106

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section
Scoreboards - refer to Instrumentation Accessories section



7541 TRUCKMASTER™

Concrete Deck Pit Scale
Commercial Duty Applications

APPLIED

Approvals:

- NTEP COC # 92-046A3, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #AM-4900

Standard Features:

- Five (5) year NO RISK Guarantee
- Strikeshield™ Lightning Protection System
- 55,000 lb (25 t) POWERCELL MTX load cell
- 6 in Concrete deck
- Weigh Bridge module(s) and 6" deck channel
- 45,000 lb Dual-Tandem axle rating
- Base plates, installation KOP, and anchor bolts
- Manholes (1 for 10 ft - 25 ft, 2 for 40 ft to 100 ft)
- Stainless Steel Sheathed Cable and J-Box(es)
- 3 sets of drawings (additional drawing sets or PE stamp extra)

Options:

- Michigan Adder (MA) 55k DTA, 8 inch concrete deck
- 11 ft wide deck
- Grain Dump Through

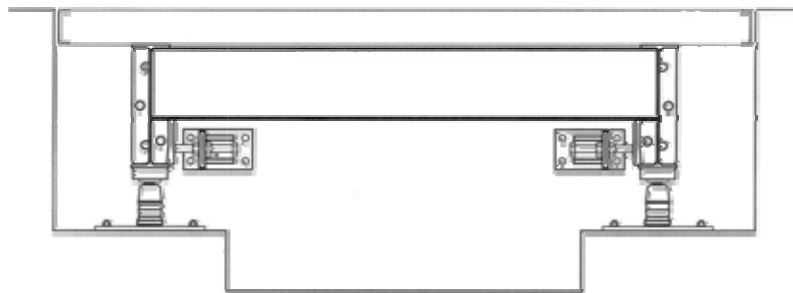
Accessories:

- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Remote Display
- Home run cable
- Locating tools

Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

7541 Cross Section



Foundation Prints

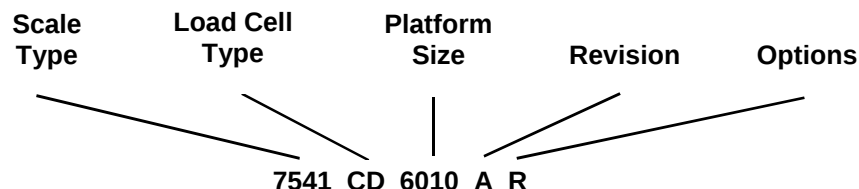
Size	Standard Pit	Deep Pit	Size	Standard Pit	Deep Pit
10' x 10'	TC202650	TC202942	80' x 10'	TC201540	TC201636
12' x 10'	TC302470	TC201632	90' x 10'	TC308588	---
20' x 10'	TC201633	TC201634	100' x 10'	TC201957	---
25' x 10'	TC202995	---	110' x 10'	---	TC306456
40' x 10'	TC201635	TC302108	120' x 10'	---	---
50' x 10'	TC203600	---	60' x 10' MA	TC201802	---
60' x 10'	TC200806	TC201363	70' x 10' MA	TC201362	TC309066
70' x 10'	TC200799	TC201208	80' x 10' MA	TC202969	---

Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

Truck/Vehicle Scales

7541 TRUCKMASTER™

7541 Model Configuration



Ordering Information

7541 Load Cell Type

Order Number	Description	Suggested List Price (CDN\$)
CD	25 t POWERCELL MTX (MAX HR cable length 900')	\$0
CM	55k Tandem Capacity Adder - "Michigan Vehicle" (per Module) - POWERCELL MTX 100,000 lb (45 t) 24' x 62' Main Beams 8" Thick Concrete	\$1,524
CH	Hazardous (12 loadcells or less)	\$3,637
CH	Hazardous	\$6,445

(Hazardous Note: MAX HR cable length is 400'. 8-12 cell scales require 2 HR cables. 14-18 cells require 3.)

7541 Platform Size

Order Number	Dimensions Length Width	Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
1010	10'	4	1	10'	3000 lb	\$18,090
1210	12'			12'	3200 lb	\$18,142
2010	20'			20'	4200 lb	\$19,490
2510	25'			25'	4900 lb	\$20,262
4010	40'	6	2	20'	7800 lb	\$28,847
5010	50'			25'	9200 lb	\$32,706
6010	60'	8	3	20'	11,400 lb	\$40,425
7010	70'			1-20'/2-25'	12,800 lb	\$43,125
8010	80'	10	4	20'	14,900 lb	\$52,968
9010	90'			2-20'/2-25'	16,300 lb	\$56,923
1000	100'	12	5	20'	18,500 lb	\$66,571
1100	110'			3-20'/2-25'	19,900 lb	\$70,430
1200	120'	14	6	20'	22,100 lb	\$79,111

7541 Revision

A	Current engineering revision level (always the latest)	\$0
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7541 Options

Order Number	Description	Suggested List Price (CDN\$)
R	Standard finish	\$0
G	Galvanized finish	Call

7541 Customizations

*	Shorten modules - less than standard (per module)	\$825
*	Wide Module - 11' (per module)	\$688
*	Wide Module - 12' (per module)	\$1,220
09260001	One (1) Additional Manhole	\$678
*	Grain Dump Through	Call

* These are Customizations - Order Numbers will be assigned after placement of order.

7541 TRUCKMASTER™**7541 TRUCKMATE Accessories**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')		\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L		\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX		\$106

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section

Scoreboards - refer to Instrumentation Accessories section

7560 TRUCKMATE™

Concrete Deck Scale

Commercial Duty Applications



APPLIED

Approvals:

- NTEP COC # 88-243A4, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #SWA-4194

Standard Features:

- Five (5) year NO RISK Guarantee
- Strikeshield™ Lightning Protection System
- 55,000 lb (25 t) POWERCELL MTX load cell
- Concrete deck
- Factory assembled module(s)
- Above ground or pit installation
- 60,000 lb Concentrated Load Capacity (CLC)
- Base plates, installation KOP, and anchor bolts
- 11.5 in profile, top of deck to bottom base plate
- 3" minimum clearance under scale
- Stainless Steel Sheathed Cable and J-Box(es)
- 3 sets of drawings (additional drawing sets or PE stamp extra)

Options:

- Riser Base Plates
- Manholes
- Multi-Axle Scale Configurations
- Side rail mounting brackets
- Side rails

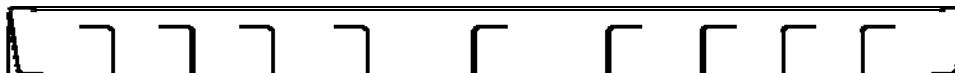
Accessories:

- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Remote Display
- Home run cable
- Locating tools

Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

7560 Cross Section



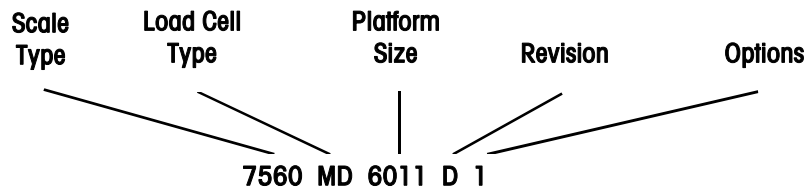
Foundation Prints

Size	Variable Footer	Beam Slab	Pit
10' x 11'	TC201550	TC201551	TC201552
15' x 11'	TC201553	TC201554	TC201555
35' x 11'	TC201556	TC201557	TC201558
45' x 11'	TC201559	TC201560	TC201561
60' x 11'	TC201562	TC201563	TC201564
70' x 11'	TC201565	TC201566	TC201567
75' x 11'	TC201568	TC201569	TC201570
80' x 11'	TC201571	TC201572	TC201573
87.5' x 11'	TC201574	TC201575	TC201576
100' x 11'	TC201577	TC201578	TC201579
105' x 11'	TC201580	TC303793	TC203683
110' x 11'	TC201581	---	---
122.5' x 11'	TC201582	TC203679	TC203680
60' x 10'	TC202146	TC202145	TC202147
70' x 10'	TC202149	TC202148	TC202150

Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

7560 TRUCKMATE™

7560 Model Configuration



Ordering Information

7560 Load Cell Type

Order Number	Description	Suggested List Price (CDN\$)
MD	25t POWERCELL MTX (MAX HR cable length 900')	\$0
MH	Hazardous (12 loadcells or less) Includes 09170198 Intrinsic Safe Barrier(s) and	\$3,564
MH	Hazardous (14 loadcells or more) TA100590 Power Supply (when JagXTREME is used.)	\$6,317

(Hazardous Note: MAX HR cable length is 400'. 8-12 cell scales require 2 HR cables. 14-18 cells require 3.)

7560 Platform Size

Order Number	Dimensions		Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
	Length	Width					
1010	10'	10'	4	1	10'	2300 lb	\$12,887
1011		11'					
1510	15'	10'			15'	3400 lb	\$12,887
1511		11'					
1710	17.5'	10'	6	2	17.5'	3900 lb	\$13,736
1711		11'					
3010	30'	10'			15'	6500 lb	\$22,116
3011		11'					
3510	35'	10'			17.5'	7500 lb	\$22,945
3511		11'					
4510	45'	10'	8	3	15'	9500 lb	\$30,331
4511		11'					
5210	52.5'	10'			17.5'	11,000 lb	\$33,574
5211		11'					
6010	60'	10'	10	4	15'	12,600 lb	\$38,337
6011		11'					
7010	70'	10'			17.5'	14,600 lb	\$40,457
7011		11'					
8010	80'	10'	12	5	3-15'	16,800 lb	\$47,346
8011		11'			2-17.5'		
8710	87.5'	10'			17.5'	18,200 lb	\$50,235
8711		11'					
9010	90'	10'	14	6	15'	18,700 lb	\$56,315
9011		11'					
1000	100'	10'			2-15'	20,900 lb	\$59,136
1001		11'			4-17.5'		
1050	105'	10'			17.5'	21,700 lb	\$60,549
1051		11'					
1220	122.5'	10'	16	7	17.5'	25,300 lb	\$70,286
1221		11'					

7560 Revision

D	Current engineering revision level (always the latest)	\$0
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Truck/Vehicle Scales

7560 TRUCKMATE™

7560MD Multi-Axle Platforms

Order Number	Section Length			Scale Size		Quantity Modules	Qty Load Cells	Shipping Weight (lb)	Suggested List Price (CDN\$)
	ST	DR	TR	Length	Width				
7735	17.5'	17.5'	35'	71' 4.5"	11'	4	14	15300 lb	\$57,516
5545	15'	15'	45'	76' 3"	11'	5	16	16300 lb	\$65,559
5745	15'	17.5'	45'	78' 9"	11'	5	16	16800 lb	\$67,305
7745	17.5'	17.5'	45'	81' 3"	11'	5	16	17300 lb	\$67,996

ST - steering axle, DR - drive axle, TR - trailer

7560MD Multi-Axle Revision

E	Current engineering revision level (always the latest)	\$0
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7560 Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
1	Two (2) Manholes - First and End Module		\$1,254
3	One (1) Manholes - First Module		\$670
S	Side Rail Mounting Brackets - per module, both sides (rails available below)		\$283

7560 Customizations

*	Shorten modules - less than standard (per module)	\$1,643
*	9'-10" Width (per module) - (side shields are not included with this option)	\$442
*	12' Width - CLC reduced to 45,000 lb, no manholes allowed (priced per module)	\$1,385
*	Base plate upgrade adder per loadcell - 3" riser (new scale orders only) **	\$228
*	Base plate upgrade adder per loadcell - 6" riser (new scale orders only) **	\$266

* These are Customizations - Order Numbers will be assigned after placement of order.

7560 TRUCKMATE Accessories

TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')	\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L	\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX	\$106
TC204907-15	Side Rail Kit - per 15' Modules (required bracket available above)	\$953
TC204907-17	Side Rail Kit - per 17.5' Modules (required bracket available above)	\$1,008

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section

Scoreboards - refer to Instrumentation Accessories section



7560SD TRUCKMATE™

Orthotropic Steel Deck Scale
Commercial Duty Applications

APPLIED

Approvals:

- NTEP COC # 88-243A4, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #SWA-4194

Standard Features:

- Five (5) year NO RISK Guarantee
- Strikeshield™ Lightning Protection System
- 55,000 lb (25 t) POWERCELL MTX load cell
- Steel deck
- Factory assembled module(s)
- Above ground or pit installation
- 60,000 lb Concentrated Load Capacity (CLC)
- Base plates, installation KOP, and anchor bolts
- 11.5 in profile, top of deck to bottom of base plate
- 3 in minimum clearance under scale
- Stainless Steel Sheathed Cable and J-Box(es)
- 3 sets of drawings (additional drawing sets or PE stamp extra)

Options:

- Riser Base Plates
- Manholes
- Side rail mounting brackets
- Side rails

Accessories:

- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Remote Display
- Home run cable
- Locating tools

Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

7560SD Cross Section



Foundation Prints

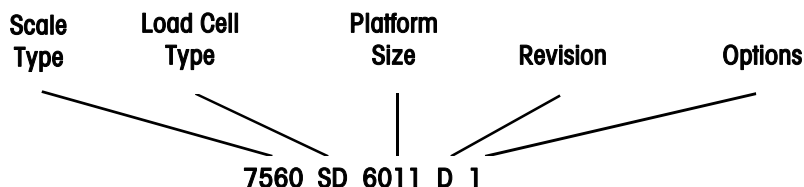
<u>Size</u>	<u>Variable Footer</u>	<u>Beam Slab</u>	<u>Pit</u>
10' x 11'	---	---	---
15' x 11'	TC201553	TC201554	TC201555
35' x 11'	TC201556	TC201557	TC201558
45' x 11'	TC201559	TC201560	TC201561
60' x 11'	TC201562	TC201563	TC201564
70' x 11'	TC201565	TC201566	TC201567
75' x 11'	TC201568	TC201569	TC201570
80' x 11'	TC201571	TC201572	TC201573
87.5' x 11'	TC201574	TC201575	TC201576
100' x 11'	TC201577	TC201578	TC201579
105' x 11'	TC201580	TC303793	TC203683
122.5' x 11'	TC201582	TC203679	TC203680

Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

Truck/Vehicle Scales

7560SD TRUCKMATE™

7560SD Model Configuration



Ordering Information

7560SD Load Cell Type

Order Number	Description	Suggested List Price (CDN\$)
SD	25 t POWERCELL MTX (MAX HR cable length 900')	\$0
SH	Hazardous (12 loadcells or less) Includes 09170198 Intrinsic Safe Barrier(s) and	\$3,402
SH	Hazardous (14 loadcells or more) TA100590 Power Supply (when JagXTREME is used.)	\$6,027

(Hazardous Note: MAX HR cable length is 400'. 8-12 cell scales require 2 HR cables. 14-18 cells require 3.)

7560SD Platform Size

Order Number	Dimensions Length Width	Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
10WW 1011	10' 9'-10" 11'	4	1	10'	3900 lb	\$18,744
15WW 1511	15' 9'-10" 11'			15'	5650 lb	\$18,744
17WW 1711	17.5' 9'-10" 11'			17.5'	6450 lb	\$19,667
30WW 3011	30' 9'-10" 11'			15'	11000 lb	\$33,533
35WW 3511	35' 9'-10" 11'	6	2	17.5'	12600 lb	\$35,301
45WW 4511	45' 9'-10" 11'			15'	16250 lb	\$47,974
52WW 5211	52.5' 9'-10" 11'			17.5'	18650 lb	\$49,334
60WW 6011	60' 9'-10" 11'			15'	21600 lb	\$57,365
70WW 7011	70' 9'-10" 11'	10	4	17.5'	24800 lb	\$59,069
80WW 8011	80' 9'-10" 11'			3-15' 2-17.5'	28650 lb	\$68,324
87WW 8711	87.5' 9'-10" 11'			17.5'	30950 lb	\$71,007
90WW 9011	90' 9'-10" 11'			15'	32200 lb	\$78,834
100W 1001	100' 9'-10" 11'	14	6	2-15' 4-17.5'	35600 lb	\$81,069
105W 1051	105' 9'-10" 11'			17.5'	37000 lb	\$82,188
122W 1221	122.5' 9'-10" 11'			17.5'	43150 lb	\$92,252

7560SD Revision

D	Current engineering revision level (always the latest)	\$0
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7560SD TRUCKMATE™**7560SD Options**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
1	One (1) Manholes - First Module		\$670
2	Two (2) Manholes - First and End Module		\$1,254
S	Side Rail Mounting Brackets - per module, both sides (rails available below)		\$283

7560SD Customizations

*	Shorten modules - less than standard (per module)		\$825
*	Base plate upgrade adder per loadcell - 3" riser (new scale orders only)		\$228
*	Base plate upgrade adder per loadcell - 6" riser (new scale orders only)		\$266

* These are Customizations - Order Numbers will be assigned after placement of order.

7560SD TRUCKMATE Accessories

TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')		\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L		\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX		\$106
TC204907-15	Side Rail Kit - per 15' Modules (required bracket available above)		\$953
TC204907-17	Side Rail Kit - per 17.5' Modules (required bracket available above)		\$1,008

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section

Scoreboards - refer to Instrumentation Accessories section

VTC210 TRUCKMATE™

Concrete Deck Scale Cycle Duty Applications



APPLIED

Approvals:

- NTEP COC # 04-043, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #AM-4900

Standard Features:

- Five (5) year NO RISK Guarantee
- Strikeshield™ Lightning Protection System
- 100,000 lb (45 t) POWERCELL MTX load cell
- Orthotropic Weighbridge with Concrete Wear Surface
- Factory assembled module(s)
- Above ground or pit installation

- 80,000 lb Concentrated Load Capacity (CLC)
- Base plates, installation KOP, and anchor bolts
- 16 in profile, top of deck to bottom of base plate
- 3" minimum clearance under scale
- Stainless Steel Sheathed Cable and J-Box(es)
- 3 sets of drawings (additional drawing sets or PE stamp extra)

Options:

- Riser Base Plates
- Manholes
- Multi-Axle Scale Configurations

- Side rail mounting brackets
- Side rails

Accessories:

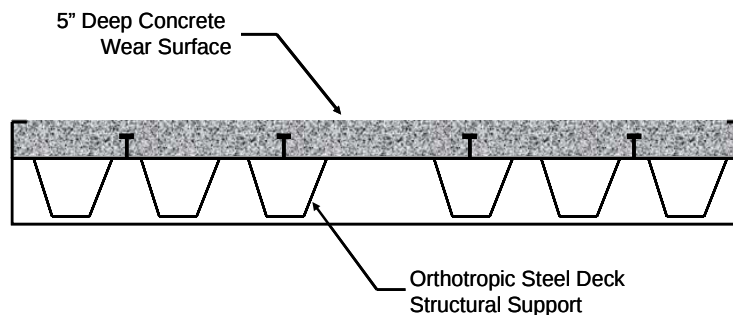
- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Remote Display

- Home run cable
- Locating tools

Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, concrete, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

VTC210 Cross Section



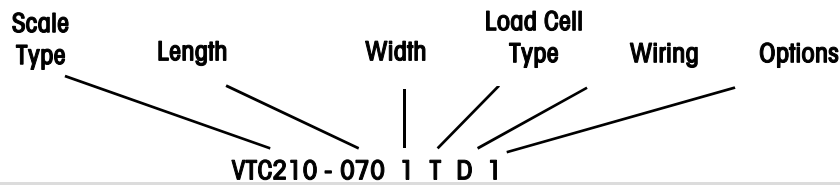
Foundation Prints

Size	Variable Footer	Beam Slab	Pit
60' x 11'	TC206706	TC206707	TC206708
70' x 11'	TC206709	TC206710	TC206711
80' x 11'	TC206715	TC206716	TC206717
90' x 11'	TC206718	TC206719	TC206720
100' x 11'	TC206721	TC206722	TC206723

Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

VTC210 TRUCKMATE™

VTC210 Model Configuration



Ordering Information

VTC210 Platform

Order Number		Platform Dimensions		Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
Length	Width	Length	Width					
010	0	10'	10'	4	1	10'	4000 lb	\$17,628
010	1		11'					
015	0	15'	10'			15'	4700 lb	\$17,628
015	1		11'					
017	0	17.5'	10'			17.5'	5200 lb	\$18,885
017	1		11'					
020	0	20'	10'			20'	5750 lb	\$20,149
020	1		11'					
023	0	23'	10'			23'	6400 lb	\$21,837
023	1		11'					
030	0	30'	10'	6	2	15'	8900 lb	\$31,401
030	1		11'					
040	0	40'	10'			20'	11000 lb	\$34,714
040	1		11'					
047	0	47'	10'			23'	12250 lb	\$38,103
047	1		11'					
060	0	60'	10'	8	3	20'	16250 lb	\$46,452
060	1		11'					
070	0	70'	10'			23'	18550 lb	\$50,915
070	1		11'					
080	0	80'	10'	10	4	20'	21500 lb	\$57,943
080	1		11'					
090	0	90'	10'			1-20'	24000 lb	\$66,589
090	1		11'			3-23'		
100	0	100'	10'	12	5	20'	26950 lb	\$70,411
100	1		11'					
110	0	110'	10'			2-20'	29450 lb	\$80,294
110	1		11'			3-23'		
120	0	120'	10'	14	6	20'	32400 lb	\$81,901
120	1		11'					

VTC210 Load Cell Type and Wiring

Order Number	Description	Suggested List Price (CDN\$)
TD	45 † POWERCELL MTX load cells w/standard wiring (MAX HR cable length 900')	\$0
TH	Hazardous (12 loadcells or less)	Includes 09170198 Intrinsic Safe Barrier(s) and
TH	Hazardous (14 loadcells or more)	TA100590 Power Supply (when JagXTREME is used)
		\$3,564
		\$6,317

(Hazardous Note: MAX HR cable length is 400'. 8-12 cell scales require 2 HR cables. 14-18 cells require 3)

Truck/Vehicle Scales

VTC210 TRUCKMATE™

VTC210 Multi-Axle Platforms

Order Number	Section Length			Scale Size		Quantity Modules	Qty Load Cells	Shipping Weight (lb)	Suggested List Price (CDN\$)
	ST	DR	TR	Length	Width				
7735	17.5'	17.5'	35'	71'3.5"	11'	4	14		\$70,020
5740	15'	17.5'	40'	73'9.5"	11'	4	14		\$70,974
7745	17.5'	17.5'	45'	81'2"	11'	5	16		\$82,772
2240	20'	20'	40'	81'3.5"	11'	4	14		\$75,610

ST - steering axle, DR - drive axle, TR - trailer

VTC210 Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
1	One (1) Manhole - First Module		\$670
2	Two (2) Manholes - First and End Module		\$1,254
S	Side Rail Mounting Brackets - per module, both sides (rails available below)		\$283

VTC210 Customizations

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
*	Shorten modules - less than standard (per module)		\$825
*	9'-10" Width (per module)		\$0
*	11'-10" Width - CLC reduced to 70,000 lb (per module)		\$1,883
*	Base plate upgrade adder per loadcell - 3" riser (new scale orders only)		\$228
*	Base plate upgrade adder per loadcell - 6" riser (new scale orders only)		\$266

* These are Customizations - Order Numbers will be assigned after placement of order.

VTC210 TRUCKMATE Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')		\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L		\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX		\$106
TC204907-15	Side Rail Kit - per 15' Modules (required bracket available above)		\$953
TC204907-17	Side Rail Kit - per 17.5' Modules (required bracket available above)		\$1,008
TC204907-20	Side Rail Kit - per 20' Modules (required bracket available above)		\$1,063
TC204907-23	Side Rail Kit - per 23' Modules (required bracket available above)		\$1,422

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section
Scoreboards - refer to Instrumentation Accessories section



7562 TRUCKMATE™

Orthotropic Steel Deck Scale
Cycle Duty Applications

APPLIED

Approvals:

- NTEP COC # 93-108A3, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #AM-4900

Standard Features:

- Five (5) year NO RISK Guarantee
- Strikeshield™ Lightning Protection System
- 100,000 lb (45 t) POWERCELL MTX load cell
- Steel Deck Modules with Debris Guards
- Factory assembled module(s)
- Above ground or pit installation

- 80,000 lb Concentrated Load Capacity (CLC)
- Base plates, installation KOP, and anchor bolts
- 14.5 in profile, top of deck to bottom of base plate
- 3 in minimum clearance under scale
- Stainless Steel Sheathed Cable and J-Box(es)
- 3 sets of drawings (additional drawing sets or PE stamp extra)

Options:

- Riser Base Plates
- Manholes
- Multi-Axle Scale Configurations
- Grain Dump

- Side rail mounting brackets
- Side rails
- Temporary Frame

Accessories:

- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Remote Display

- Home run cable
- Locating tools

Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

7562 Cross Section



Foundation Prints

Size	Variable Footer	Beam Slab	Pit
10' x 11'	TC202445	TC202446	TC202447
15' x 11'	TC202448	TC202449	TC202450
17.5' x 11'	TC202451	TC202452	TC202453
20' x 11'	TC203584	TC203585	TC203586
30' x 11'	TC202454	TC202455	TC202456
35' x 11'	TC202457	TC202458	TC202459
40' x 11'	TC203504	TC203505	TC203506
45' x 11'	TC202460	TC202461	TC202462
60' x 11'	TC203507	TC203508	TC203509
70' x 11'	TC205843	TC205844	TC205845
80' x 11'	TC203510	TC203511	TC203512
87.5' x 11'	TC205983	TC205984	TC205985
90' x 11'	TC205971	TC205972	TC205973
100' x 11'	TC203513	TC203514	TC203515
120' x 11'	TC203516	TC203517	TC203518

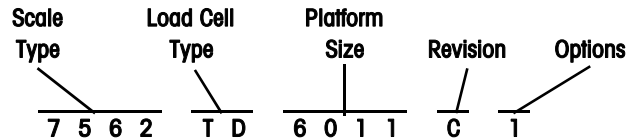
Size	Variable Footer	Beam Slab	Pit
15'-15'-45' x 11'	TC202472	TC202473	TC202474
17.5'-17.5'-35' x 11'	TC202475	TC202476	TC202477
17.5'-17.5'-45' x 11'	TC202478	TC202479	TC202480
17.5'-20'-40' x 11'	TC204482	TC204480	TC204481
60' x 10'	TC204087	TC203796	TC204006
70' x 10'	TC205846	TC205847	TC205848

Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

Truck/Vehicle Scales

7562 TRUCKMATE™

7562 Model Configuration



Ordering Information

7562 Load Cell Type

Order Number	Description	Suggested List Price (CDN\$)
TD	45t POWERCELL MTX load cells (MAX HR cable length	\$0
TH	Hazardous (12 loadcells or less) Includes 09170198 Intrinsic Safe Barrier(s) and	\$3,402
TH	Hazardous (14 loadcells or more) TA100590 Power Supply (when JagXTREME is used.)	\$6,027

(Hazardous Note: MAX HR cable length is 400'. 8-12 cell scales require 2 HR cables. 14-18 cells require 3.)

7562 Platform

Order Number	Dimensions		Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
	Length	Width					
1010	10'	10'	4	1	10'	4500 lb	\$18,746
1011		11'					
1510	15'	10'			15'	6200 lb	\$18,746
1511		11'					
1710	17.5'	10'			17.5'	7000 lb	\$19,667
1711		11'					
2010	20'	10'	6	2	20'	7800 lb	\$21,558
2011		11'					
3010	30'	10'			15'	11,900 lb	\$33,535
3011		11'					
3510	35'	10'			17.5'	13,500 lb	\$35,301
3511		11'					
4010	40'	10'	8	3	20'	15,100 lb	\$36,318
4011		11'					
5210	52.5'	10'			17.5'	20,000 lb	\$49,335
5211		11'					
6010	60'	10'			20'	22,400 lb	\$50,586
6011		11'					
7010	70'	10'	10	4	23'	26,500 lb	\$55,384
7011		11'					
call	70'	10'			17.5'	27,000 lb	\$59,072
call		11'					
8010	80'	10'			20'	29,700 lb	\$66,618
8011		11'					
9010	90'	10'	12	5	3-23'	34,000 lb	\$72,361
9011		11'			1-20'		
1000	100'	10'			20	37,200 lb	\$82,579
1001		11'					
1100	110'	10'			2-20'	41,500 lb	\$87,322
1101		11'			3-23'		
1200	120'	10'	14	6	20'	44,700 lb	\$89,422
1201		11'					

7562 Revision

C	Current engineering revision level (always the latest)	\$0
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7562 TRUCKMATE™

7562 Multi-Axle Platforms

Order Number	Section Length			Scale Size		Quantity Modules	Qty Load Cells	Shipping Weight (lb)	Suggested List Price (CDN\$)
	ST	DR	TR	Length	Width				
5530	15'	15'	30'	61' 3.5"	11'	4	14	24100 lb	\$67,947
5730	15'	17.5'	30'	63' 9.5"	11'	4	14	24900 lb	\$68,968
5535	15'	15'	35'	66' 3.5"	11'	4	14	25700 lb	\$69,733
5735	15'	17.5'	35'	68' 9.5"	11'	4	14	26500 lb	\$70,754
7735	17.5'	17.5'	35'	71' 3.5"	11'	4	14	27300 lb	\$71,901
5740	15'	17.5'	40'	73' 9.5"	11'	4	14	28100 lb	\$72,879
5545	15'	15'	45'	76' 2"	11'	5	16 F	29900 lb	\$80,013
7740	17.5'	17.5'	40'	76' 3.5"	11'	4	14	28900 lb	\$75,601
7240	17.5'	20'	40'	78' 9.5"	11'	4	14	29700 lb	\$75,770
2240	20'	20'	40'	81' 3.5"	11'	4	14 F	30500 lb	\$77,642
7745	17.5'	17.5'	45'	81' 2"	11'	5	16 F	31400 lb	\$84,997
7747	17.5'	17.5'	47'	82' 10.5"	11'	4	14 F	31600 lb	Call
ST - steering axle, DR - drive axle, TR - trailer							F = flatbed shipping		

7562 Revision

C	Current engineering revision level (always the latest)	\$0
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7562 Options (add to price)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
1	Two (2) Manholes - First and End Module		\$1,254
3	One (1) Manholes - First Module		\$670
P	Full Frame - 35'x10 only	18,000 lb	\$21,921
	Full Frame - 70'x10 only	34,000 lb	\$39,461
S	Side Rail Mounting Brackets - per module, both sides (rails available below)		\$283

7562 Customizations

*	Shorten modules - less than standard (per module)	\$825
*	9'-10" Width (per module)	\$0
*	11'-10" Width - CLC reduced to 70,000 lb (per module)	\$1,179
*	Base plate upgrade adder per loadcell - 3" riser (new scale orders only)	\$228
*	Base plate upgrade adder per loadcell - 6" riser (new scale orders only)	\$266
*	Temporary Frame (see Accessories section for details)	Call

* These are Customizations - Order Numbers will be assigned after placement of order.

7562 TRUCKMATE Accessories

TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')	\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L	\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX	\$106
TC204907-15	Side Rail Kit - per 15' Modules (required bracket available above)	\$953
TC204907-17	Side Rail Kit - per 17.5' Modules (required bracket available above)	\$1,008
TC204907-20	Side Rail Kit - per 20' Modules (required bracket available above)	\$1,063
TC204907-23	Side Rail Kit - per 23' Modules (required bracket available above)	\$1,422
TA205922	7562C debris seal (100')	\$274

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section

Scoreboards - refer to Instrumentation Accessories section

7563 TRUCKMATE™

Orthotropic Steel Deck Scale
Extreme Duty Applications



APPLIED

Approvals:

- NTEP COC # 96-092A2, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #AM-4900

Standard Features:

- Five (5) year NO RISK Guarantee
- Strikeshield™ Lightning Protection System
- 100,000 lb (45 t) POWERCELL MTX load cell
- Steel Deck Modules
- Factory assembled module(s)
- Above ground or pit installation
- 100,000 lb Concentrated Load Capacity (CLC)
- Base plates, installation KOP, and anchor bolts
- 17 in profile, top of deck to bottom of base plate
- 3 in minimum clearance under scale
- Stainless Steel Sheathed Cable and J-Box(es)
- 3 sets of drawings (additional drawing sets or PE stamp extra)

Options:

- Off-Road Scale Configurations
- Riser Base Plates
- Wear plates for heavy use applications
- Manholes
- Side rail mounting brackets
- Side rails

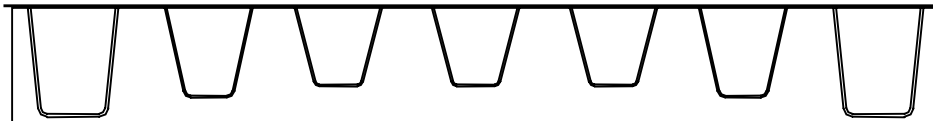
Accessories:

- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Remote Display
- Home run cable
- Locating tools

Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

7563 Cross Section



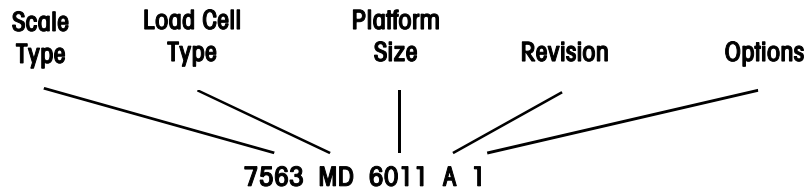
Foundation Prints

Size	Foundation	Beam Slab High Clearance	Pit
10' x 10'	TC202715	TC202716	---
15' x 10'	TC202717	TC202718	TC203376
17.5' x 10'	TC202719	TC202720	TC203377
30' x 10'	TC202721	TC202722	TC203378
35' x 10'	TC202723	TC202724	TC203379
45' x 10'	TC202725	TC202726	TC203380
70' x 10'	TC202729	TC202730	TC203382
87.5' x 10'	TC202735	TC202736	TC203385
105' x 10'	TC202739	TC202740	TC203387

Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

7563 TRUCKMATE™

7563 Model Configuration



Ordering Information

7563 Load Cell Type

Order Number	Description		Suggested List Price (CDN\$)
MD	45t POWERCELL MTX load cells (MAX HR cable length 900')		\$0
MH	Hazardous (10 loadcells or less)	Includes 09170198 Intrinsic Safe Barrier(s) and TA100590 Power Supply (when JagXTREME is used.)	\$3,402
MH	Hazardous (12-22 loadcells)		\$6,027
MH	Hazardous (24 loadcells or more)		\$9,036

(Hazardous Note: MAX HR cable length is 400'. 8-12 cell scales require 2 HR cables. 14-18 cells require 3)

7563 Platform

Order Number	Dimensions		Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
	Length	Width					
1010	10'	10'	4	1	11'	4300 lb	\$21,215
1011		11'					
1510	15'	10'			15'	6500 lb	\$22,863
1511		11'					
1710	17.5'	10'			17.5'	7400 lb	\$23,535
1711		11'					
2010	20'	10'	6	2	20'	8300 lb	\$24,543
2011		11'					
3010	30'	10'			15'	12700 lb	\$36,879
3011		11'					
3510	35'	10'			17.5'	14500 lb	\$38,643
3511		11'					
4010	40'	10'	8	3	20'	16300 lb	\$40,596
4011		11'					
5210	52.5'	10'			17.5'	21600 lb	\$55,384
5211		11'					
6010	60'	10'			20'	24300 lb	\$58,242
6011		11'					
7010	70'	10'	10	4	17.5'	28700 lb	\$71,100
7011		11'					
8010	80'	10'			20'	32300 lb	\$78,480
8011		11'					
9010	90'	10'	12	5	4-17.5'	36700 lb	\$91,220
9011		11'			1-20'		
1000	100'	10'			20	40300 lb	\$95,288
1001		11'					
1100	110'	10'	14	6	4-17.5'	44700 lb	\$109,003
1101		11'			2-20'		
1200	120'	10'			20'	48300 lb	\$112,783
1201		11'					

7563 Revision

A	Current engineering revision level (always the latest)	\$0
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Truck/Vehicle Scales

7563 TRUCKMATE™

7563 Off-Road Platforms

Order Number	Overall Dimensions		Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
	Length	Width					
1514	15'	14'	8	2	15'	10800 lb	\$40,494
1714	17.5'	14'			17'	12000 lb	\$42,569
3014	30'	14'	12	4	15'	23000 lb	\$79,183
3514	35'	14'			17'	26200 lb	\$82,888
4514	45'	14'	16	6	15'	30600 lb	\$115,054
5214	52.5'	14'			17'	34800 lb	\$120,468
6014	60'	14'	20	8	15'	40600 lb	\$150,099
7014	70'	14'			17'	46200 lb	\$157,538
7514	75'	14'	24	10	15'	50600 lb	\$185,391
8714	87.5'	14'			17'	57600 lb	\$194,648
9014	90'	14'	28	12	15'	60600 lb	\$224,072
1054	105'	14'			17'	69000 lb	\$235,229

Note: Scales with more than 24 loadcells require two (2) indicators with custom summing program

Hazardous Note: MAX Home Run (HR) cable length is 400'. 8-12 cell scales require 2 HR cables, 14-18 cells require 3 HR cables, 20-24 cells require 4 HR cables, 28 cells require 5 HR cables

7563 Options (add to price) - not available with Off-Road Platforms

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
1	Two (2) Manholes - First and End Module		\$1,254
3	One (1) Manholes - First Module		\$670
S	Side Rail Mounting Brackets - per module, both sides (rails available below		\$283

7563 Customizations

*	Shorten modules - less than standard (per module)	\$825
*	9'-9.5" or 9'-11" Width	\$0
*	11'-10" Width (per module)	\$1,520
*	16' Width	Call
*	Base plate upgrade adder per loadcell - 3" riser (new scale orders only)	\$228
*	Base plate upgrade adder per loadcell - 6" riser (new scale orders only)	\$266

* These are Customizations - Order Numbers will be assigned after placement of order.

7563 TRUCKMATE Accessories

TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')	\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L	\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX	\$106
TC204907-15	Side Rail Kit - per 15' Modules (required bracket available above)	\$953
TC204907-17	Side Rail Kit - per 17.5' Modules (required bracket available above)	\$1,008
TC204907-20	Side Rail Kit - per 20' Modules (required bracket available above)	\$1,063

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section

Scoreboards - refer to Instrumentation Accessories section



7566 TRUCKMATE™

Orthotropic Steel Deck Scale
Extreme Duty Applications

APPLIED

Approvals:

- NTEP COC # 00-077A2, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #AM-4900

Standard Features:

- Five (5) year NO RISK Guarantee
- Strikeshield™ Lightning Protection System
- 100,000 lb (45 t) POWERCELL MTX load cell
- Steel Deck Modules
- Factory assembled module(s)
- Above ground installation
- 130,000 lb Concentrated Load Capacity (CLC)
- Base plates, installation KOP, and anchor bolts
- 29-7/8 in profile, top of deck to bottom of base plate
- 14 in minimum clearance under scale
- Stainless Steel Sheathed Cable and J-Box(es)
- 3 sets of drawings (additional drawing sets or PE stamp extra)

Options:

- Off-Road Scale Configurations
- Riser Base Plates

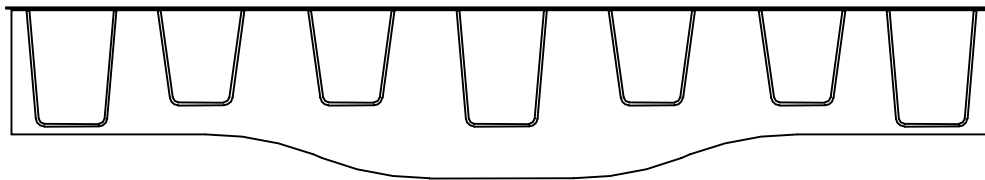
Accessories:

- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Remote Display
- Home run cable
- Locating tools

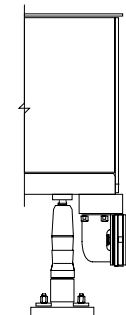
Notes:

- These prices do not include indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or GST.
- Capacity is based on motor trucks with axle configurations approved for highway use. It does not apply to forklift trucks or other off-highway vehicles. Consult METTLER TOLEDO for these applications.

7566 Cross Section



Load Cell View

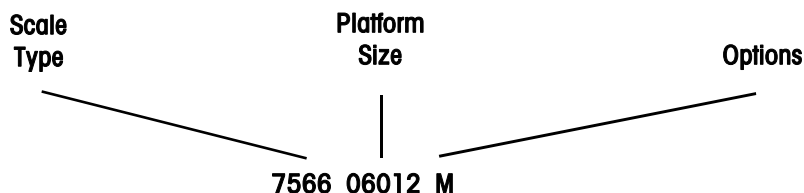


Note: Required clearance under scale may vary. Confirm requirement with local Weights and Measures.

Truck/Vehicle Scales

7566 TRUCKMATE™

7566 Model Configuration



Ordering Information

7566 Platform

Order Number	Dimensions		Qty Load Cells	Quantity Modules	Module Length	Shipping Weight (lb)	Suggested List Price (CDN\$)
	Length	Width					
02012	20'	11'-10"	4	1	20'	12500 lb	\$33,523
04012	40'	11'-10"	6	2		22900 lb	\$63,159
06012	60'	11'-10"	8	3		34500 lb	\$91,417
07012	70'	11'-10"	10	4	17.5'	42800 lb	\$108,435
08012	80'	11'-10"			20'	48000 lb	\$118,463
09012	90'	11'-10"	12	5	4-17.5'/1-20'	53500 lb	\$142,527
10012	100'	11'-10"			20'	60000 lb	\$145,164
11012	110'	11'-10"	14	6	4-17.5'/2-20'	65500 lb	\$169,747
12012	120'	11'-10"			20'	71500 lb	\$172,564
03020	30'	19'-9"	12	4	15'	36800 lb	\$106,699
04520	45'	19'-9"	16	6	15'	54700 lb	\$152,396
06020	60'	19'-9"	20	8		72200 lb	\$197,853
07520	75'	19'-9"	24	10		89500 lb	\$243,517

7566 Options (add to price)

Order Number	Description		Suggested List Price (CDN\$)
M	45t POWERCELL MTX load cells (MAX HR cable length 900')		\$0
H	Hazardous (12 loadcells or less)	Includes 09170198 Intrinsic Safe Barrier(s) and TA100590 Power Supply (when JagXTREME is used.)	\$3,402
H	Hazardous (14 loadcells or more)		\$6,027

Hazardous Note: MAX Home Run (HR) cable length is 400'. 8-12 cell scales require 2 HR cables, 14-18 cells require 3 HR cables, 20-24 cells require 4 HR cables.

Note: The Model 7566 TRUCKMATE is not offered with manholes.

7566 TRUCKMATE™**7566 Customizations**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
*	Base plate upgrade adder per loadcell - 6" riser (new scale orders only) **		\$266

* These are Customizations - Order Numbers will be assigned after placement of order.

7566 TRUCKMATE Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')		\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L		\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX		\$106

Vehicle Scale Terminals - Refer to Vehicle Scale Terminals in Instrumentation section

Scoreboards - Refer to Instrumentation Accessories section

VKR210

MTX® Load Cells

Vehicle Scale Conversion Kits



APPLIED

Approvals:

- NTEP COC # 98-031, temperature code: T4
- Hazardous Area Protection Class I, II, III; Division 1 & 2; Groups C, D, E, F, & G
- Measurement Canada Approval #AM-4900

Standard Features:

- Five (5) year warranty
- Two (2) Year Lightning Protection
- POWERCELL 25/45t MTX load cell or 90t POWERCELL
- Stainless Steel POWERCELL Junction Box(es)
- Installation KOP
- 35' Stainless Steel Sheathed Cable
- Top and Bottom Receivers
- Top and Bottom Epoxy Painted Base Plates
- 3 sets of drawings (additional drawing sets or PE stamp extra)

Options:

- Riser Base Plates

Accessories:

- IND310drive or JagXTREME terminal
- OverDrive vehicle scale management software
- Home run cable
- Locating tools
- Remote Display

Notes:

- These prices do not include anchor bolts, mounting hardware, indicator, printer, tickets, foundation coping, foundation reinforcing steel, home run cable, freight, or installation. Canadian Prices do not include ONT, PST, or
- Neither the nominal nor the sectional capacity of a scale is changed by this conversion. Mettler-Toledo Inc. is not responsible for direct or consequential damages resulting from misapplication of this product

Application Considerations:

Warranty Clarifications

This product is intended for use under existing "I-Beam" weighbridges. METTLER TOLEDO's warranty is void if a VKR210 Conversion Kit is incorporated into newly constructed weighbridges.

Capacity

Gross, Tandem Axle, or CLC capacity ratings are not increased by incorporating a VKR210 Conversion Kit.

Weights and Measures Regulations

Conversions are not addressed in the NIST handbooks. Approval is the responsibility of local Weights and Measures officials. Please obtain written approval from local authorities prior to beginning a conversion project.

Responsibility

METTLER TOLEDO

Type approved components
Application documentation

Others

Suitability of weighbridge
Suitability of foundation
Foundation modification
Spacer plates

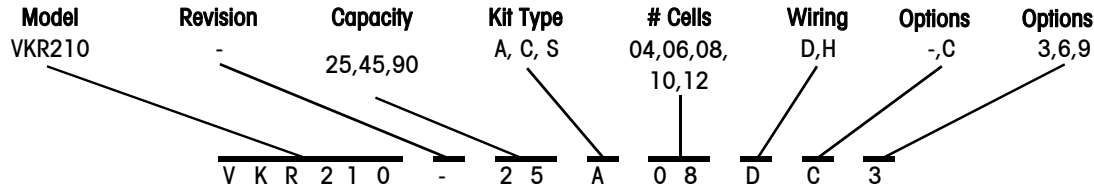
Checking considerations
Locating tools
Approvals

Reference Prints

TC207268 - Standard 25t and 45t
TC600527 - Standard 90t
TC600425 - Cap-Check
Call for "S" lever conversions

VKR210 Conversion Kits

VKR210 Model Configuration



Ordering Information

VKR210 Model

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
VKR210	VKR210 Conversion kit		\$0

VKR210 Revision

-	Current engineering revision level (always the latest)	\$0
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VKR210 Capacity

Order Number	Capacity	Number of Load Cells	Conversion Kit Type	Qty J-Box	Shipping Weight (lb)	Suggested List Price (CDN\$)
25A04	25t POWERCELL MTX	4	Standard Conversion	1	400 lb	\$7,013
25A06		6		1	600 lb	\$10,483
25A08		8		2	800 lb	\$14,162
25A10		10		2	1000 lb	\$18,120
25A12		12		3	1200 lb	\$21,832
25C04		4	50k Cap-Check Conversion	1	480 lb	\$7,188
25C06		6		1	720 lb	\$10,747
25C08		8		2	960 lb	\$14,514
25C10		10		2	1200 lb	\$18,559
25C12		12		3	1440 lb	\$22,359
25S04		4	"S" Lever Conversion	1	900 lb	\$8,666
25S06		6		1	1350 lb	\$12,964
25S08		8		2	1800 lb	\$17,470
25S10		10		2	2250 lb	\$22,253
25S12		12		3	2700 lb	\$26,793
45A04	45t POWERCELL MTX	4	Standard Conversion	1	440 lb	\$10,344
45A06		6		1	660 lb	\$15,551
45A08		8		2	880 lb	\$20,755
45A10		10		2	1100 lb	\$25,893
45A12		12		3	1320 lb	\$31,308
45C04		4	100k Cap-Check Conversion	1	600 lb	\$11,360
45C06		6		1	900 lb	\$17,076
45C08		8		2	1200 lb	\$22,789
45C10		10		2	1500 lb	\$28,435
45C12		12		3	1800 lb	\$34,358
90A04	90t POWERCELL	4	Standard Conversion	1	860 lb	\$18,465
90A06		6		1	1290 lb	\$27,697
90A08		8		2	1720 lb	\$37,276
90A10		10		2	2150 lb	\$46,716
90A12		12		3	2580 lb	\$56,364

Truck/Vehicle Scales

VKR210 Conversion Kits

VKR210 Wiring				
Order Number	Description		Shipping Weight (lb)	Suggested List Price (CDN\$)
D	Standard POWERCELL			\$0
H	Hazardous (12 loadcells or less)	Includes 09170198 Intrinsic Safe Barrier(s) and TA100590 Power Supply (when JagXTREME is used.)		\$3,637
H	Hazardous (14 loadcells or more)			\$6,445
VKR210 Options				
	none			\$0
C	No POWERCELL cables (per cell)			-\$86
VKR210 Options				
-	none			\$0
3	Base plate upgrade adder per loadcell - 3" riser (new scale orders only)			\$228
6	Base plate upgrade adder per loadcell - 6" riser (new scale orders only)			\$266
VKR210 Accessories				
Order Number	Description		Shipping Weight (lb)	Suggested List Price (CDN\$)
TC600234	Bumper Checking Kit (Truck Scales Only)			\$2,049
TC600263	Check Rod Reference Drawing (22.5t/25t/45t only)			\$0
TC600263-1	Longitudinal Check Rod Kit (one required per scale)			\$2,051
TC600263-2	Lateral Check Rod Kit (one required per section)			\$1,668
TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')			\$3.68
TN203216	Anchor Bolts - 3/4" x 5-1/2" L			\$5.67
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX			\$106
TA203072	Locating Tool - 90t POWERCELL MTX			\$106

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section

Scoreboards - refer to Instrumentation Accessories section

VKR210 Upgrade Kits

Standard Features:

- Five (5) year warranty
- Two (2) Year Lightning Protection
- POWERCELL 25t MTX load cell
- Stainless Steel POWERCELL Junction Box(es)
- Installation KOP
- Stainless Steel Sheathed Cable - (2) 33 ft, (2) 30 ft, and (x) 8 ft cables based on J-Box quantity
- Junction box assemblies
- Interconnecting cables
- Top and Bottom Receivers

Notes:

- If existing LPO parts are not in good condition, TC100460-X parts will need to be installed to maintain warranty (LPO not in

VKR210 Upgrade Kits for existing 7560 Installations							
Order Number	Capacity	Number of Modules	Number of Load Cells	Model	Quantity J-Box	Shipping Weight (lb)	Suggested List Price (CDN\$)
VKR210-MD-1	POWERCELL MTX	1	4	7560	1	240 lb	\$5,968
VKR210-MD-2		2	6		1	360 lb	\$8,459
VKR210-MD-3		3	8		2	480 lb	\$11,259
VKR210-MD-4		4	10		3	600 lb	\$14,058
VKR210-MD-5		5	12		4	720 lb	\$16,880

Note: Models 7562 can have 45t POWERCELLs. Please call for 7562 45t upgrade kits.

Installation Information

Freight Rates

- All Freight Rate Quotes are provided by METTLER TOLEDO
- Rates apply to US destinations only
- METTLER TOLEDO Truck Minimum Charge \$800
- METTLER TOLEDO Truck Combined loads
 - same Distributor: \$250 adder plus round trip mileage
 - Multiple Distributors: 0.75 x Standard Rate (each customer)
- Contract Hauler
 - Current Rate +5%
 - Plus Permits
- Contract Hauler Combined loads
 - Quotes Provided by METTLER TOLEDO

NOTES (Applies to METTLER TOLEDO and Contract Haul carriers)

- Contact Factory for maximum load capacity
- Number of Modules varies with length and scale configuration
- Side Rail option will reduce the modules/load
- All Deliveries F.O.B. Columbus, Ohio
- Final freight rates are also subject to Toll Charges and Fuel Surcharges

Installer Responsibility

Inspect Foundation - Correct Deficiencies BEFORE truck arrives

- | | |
|--------------|-----------------------------|
| • Length | • Height and Level of Piers |
| • Width | • Embedded Bumper Plates |
| • Squareness | |

Access to site - Contact METTLER TOLEDO for special considerations

- | | |
|----------------------------------|-------------------------------|
| • Free access to the site | • Road/Off-Road condition |
| • Special permissions or permits | • Gates, keys, other security |
| • Overhead wires | |

On-site support

- Minimum of two (2) technicians on-site during delivery
- If no technician on-site during delivery, additional charge of \$200 will apply
- Required tools available (as outlined in manuals)
- Provide and operate hammer drills
- Weights and Measures inspection and stamping

Installation Policies

Truck Arrives - Foundation Not Correct (Destination fault)

- Drop Scale at the listed Drop Charge
- Driver requires authorization from METTLER TOLEDO to stay beyond allotted time

Truck Arrives - Problem with Equipment (METTLER TOLEDO fault)

- Driver must consult METTLER TOLEDO for instructions
- Extended hours crane charge paid by METTLER TOLEDO
- METTLER TOLEDO accepts warranty charges - parts and labor

Scale Ready - Foundation not ready (Destination Fault)

- METTLER TOLEDO will attempt to reschedule delivery (No surcharge)
- Rescheduled delivery is dependent on previously scheduled deliveries and transport capacity
- METTLER TOLEDO can deliver the scale on time with a drop charge

Scale Ready - Delivery Urgent, No METTLER TOLEDO Vehicle

- Accept scale via Contract Hauler (at Customer expense)
- Wait for next METTLER TOLEDO vehicle

Truck/Vehicle Scales

Installation Information

Maximum Modules Per Load

Model	Scale Type	METTLER TOLEDO Truck	Contract Haul
7461 TRUCKMATE™	Steel Deck	5	8 Wide Load
7460 TRUCKMATE™	Concrete Deck	8	12 Wide Load
7531KA TRUCKMASTER™	Concrete Deck	6	9 Legal Load
7531 TRUCKMASTER™	Concrete Deck	6	9 Legal Load
7541 TRUCKMASTER™	Concrete Deck	4	6 Legal Load
7560 TRUCKMATE™	Concrete Deck	8	12 Wide Load
7562 TRUCKMATE™	Steel Deck	3	5 Wide Load
7563 TRUCKMATE™	Steel Deck	4	6 Wide Load
7566 TRUCKMATE™	Steel Deck	0	4 Wide Load
7260 RAILMATE™	Rail Scale	4	8 Legal Load
7360 RAILMATE™	Rail Scale	0	3 Wide Load

Crane and Installation Service

Service Option	1-2 Modules	3-6 Modules
Full Service Provision - Locating Tools provided - Crane will set modules on locating tool - One Hammer Drill provided for anchoring base plates - Locating tools will be exchanged for live load cells - Truck departs after all modules are set	\$616 (4 hours MAX)	\$869 (6 hours MAX)
Partial Service Provision - Locating Tools by Others - Crane will set modules on locating tool - Base plates will not be anchored - Truck leaves without exchanging live load cells for locating tools - If Locating Tools by METTLER TOLEDO are left on-site, \$20/tool for rental/restocking	\$462 (3 hours MAX)	\$649 (4 hours MAX)
Drop Charge - Crane will drop modules at site - Modules will not be set	\$308	\$385
Extended Hours - Weekday Extended hours begin after published guideline hours have expired	\$165/hour adder	
Two Scales/Same Site - No added Crane Charge - Extended Hours Apply	Extended hours only	
Saturday / Sunday Delivery Minimum 3 hours, standard freight and crane charges apply	\$220/hour adder	



Side Rails

Product Description

APPLIED

Standard Features:

- Available for Steel Deck Scales - Models 7461, 7560SD, 7562, 7563
- Available for Concrete Deck Scales - Models 7560, VTC210
- Pipe: 3 1/2" schedule 40 pipe (3-1/2" ID)
- Support arm: Made from 1/4" ASTM A-36 plate
- Galvanized finish: ASTM A123 (both the pipe and support)
- End caps: Black polyethylene.

Notes:

- Side Rail Brackets are required
 - add "S" to the Options configurator when ordering a new scale
 - or order field welded kit below

Ordering Information**Side Rail Brackets - brackets only**

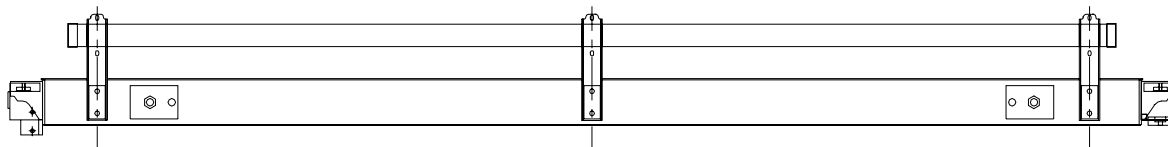
Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TC201160-13	Side Rail Brackets for field welding - Steel Deck Scales (each pricing - 6 required 15', 17.5', 20' module; 8 required 23' module)		\$104
TC201160-1	Side Rail Brackets for field welding - Concrete Deck Scales (each pricing - 6 required 15', 17.5', 20' module; 8 required 23' module)		\$104

Side Rail Kits - pipe, post assemblies, and end caps

TC204907-15	Side Rail Kit - per 15' Modules		\$953
TC204907-17	Side Rail Kit - per 17.5' Modules		\$1,008
TC204907-20	Side Rail Kit - per 20' Modules		\$1,063
TC204907-23	Side Rail Kit - per 23' Modules		\$1,422

Accessories

TN204213	Touch-up paint (spray can)		\$37
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Side Rail Brackets and Rails

Module Side View

Accessories

Ordering Information

TRUCKMATE/TRUCKMASTER Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TA200831	Locating Tool - 22.5t/45t POWERCELL or 25t/45t POWERCELL MTX		\$106
TA203072	Locating Tool - 90t POWERCELL		\$106
TA204852	Locating Tool - Model 0782 Analog Load Cell		\$106
TN203216	Anchor Bolts - 3/4" x 5-1/2" L		\$5.67
TA000108	POWERCELL Load Cell Home Run Cable - 8 conductor, SS sheath, 20 gauge (per foot) (Maximum non-hazardous cable length - 900')		\$3.68
510620370	Analog Load Cell Home Run Cable - 6 conductor, 20 gauge (per foot)		\$3.41
TB100780-1	Analog Two-Stage Lightning Protection Kit (for existing analog truck scales) NOTE: Warranty coverage not included		\$1,513
TA205922	7562C gap cover debris seal (100' roll)		\$274
082453011	T-beltting debris seal - 11 ft		\$77
082453050	T-beltting debris seal - 50 ft		\$349
082453070	T-beltting debris seal - 70 ft		\$449
91073500A	Photo-Eye kit		\$908

TRUCKMASTER Temporary frame (for use with 7461RD/7562)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
*	Temporary Frame - (1) module	2311 lb	\$11,003
*	Temporary Frame - (2) modules	3347 lb	\$15,470
*	Temporary Frame - (3) modules	4258 lb	\$19,973
*	Temporary Frame - (4) modules	5169 lb	\$24,441
*	Temporary Frame - (5) modules	6080 lb	\$28,899
*	Temporary Frame - (6) modules	6991 lb	\$35,471

* These are Customizations - Order Numbers will be assigned after placement of order. Consult model section for specifics.

POWERCELL Truck Scale Hazardous Area Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
09170198000	Intrinsic safe barrier for CMOS POWERCELL truck scales		\$2,517
TA100590	External Power Supply for CMOS POWERCELL truck scales (requires Power Cord)		\$401
10386700A	Power Cord		\$11

Vehicle Scale Terminals - refer to Vehicle Scale Terminals in Instrumentation section
Scoreboards - refer to Instrumentation Accessories section



OverDrive1st

CONSULTATIVE

Approvals

- NTEP COC #94-096

Standard Features:

- Control of 6 scales plus manual scale
- Microsoft SQL Server 2000 single user database
- Transaction screen
- D
at
- Supports multiple taxes and surcharges
- Presets and transaction "learning"
- Password protected security for operators
- Transaction maintenance
- Weights and Measures log
- Standard reports and tickets

Ordering Information**OverDrive**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
OD100FRST000	OverDrive 1st basic package - single user, single database license		\$1,348

OverDrive™ System

CONSULTATIVE

Approvals:

- NTEP COC #94-096

Standard Features:

- Control of up to 6 scales plus manual scale
- Microsoft SQL Server 2000 single user database
- Transaction screen
- D at
- Supports multiple taxes, multiple surcharges and minimum maximum weight checking
- Additional tables for support of waste services industry (Destination, Origin, Generator, Profile)
- Advanced pricing
- Presets and groups
- Ability to access ticket and report formats directly through OverDrive using advanced reporting interface (Requires Crystal Reports Professional)
- Security setup for assigning access rights to users
- Transaction maintenance
- Weights and Measures log
- Standard reports and tickets
- Graphical User Interface (GUI) editor for authorized configurators
- Wizards for data migration, database import/export, alarms, and pricing
- Includes English plus any of the following languages: French, Spanish, Swedish, Norwegian and Dutch

Ordering Information

OverDrive

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
OD101BASE000	OverDrive basic package with MS SQL Server 2000 Database		\$4,615
OV-S1YRSM	Required 1st year system support agreement		Call CSS

OverDrive Accessories

OD100UNAT000	Unattended 24/7 module		\$2,882
OD101CLNT000	Additional MS SQL database user license		\$803
OD100INVC000	Integrated invoicing module		\$1,265

OverDrive Unattended Data Terminal (UADT) - See configurator page

UADT Standard Components Include:	Call CSS
• 4 Line display	
• QWERTY keyboard	
• Blind JAGXTREME controller	

OverDrive Unattended Data Terminal (UADT) Optional Accessories - See configurator page

Scale interface	Call CSS
Proxima R/F card reader	Call CSS
Smart Pass R/F tag reader	Call CSS
Kiosk ticket printer	Call CSS
Intercom	Call CSS
Thermostatically controlled heater	Call CSS
Additional I/O arrays for peripheral controls	Call CSS

AutoLoadPro®

System

CONSULTATIVE

Standard Features:

- Designed for the aggregates, cement and construction materials industries
- Interfaces to a variety of weight indicator models (serial and Ethernet)
- Totally configurable ticketing design
- Ticket edit maintenance
- Standard reporting
- On-line ad hoc system query interface
- Capability for unlimited custom report creation
- Bi-directional data exchange capable
- May be interfaced to third party accounting and financial applications

Ordering Information**AutoLoadPro**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
	AutoLoadPro Basic Package		\$3,878
AP-S1YRSM	Required 1st year system support agreement		Call CSS

AutoLoadPro Accessories

	Fully networkable via LAN or WAN	Call CSS
	Accounting system interface/export file creation	Call CSS
	Invoicing software module	Call CSS
	Silo load out software module	Call CSS
	Unattended weighing interface	Call CSS
	Video security interface	Call CSS
	Traffic light interface	Call CSS
	Traffic gate control interface	Call CSS

BackOffice AutoLoadPro Central Management & Reporting System (CMRS)

BackOffice AutoLoadPro	Call CSS
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Provides home office or administrative headquarters a master database synchronized w/unlimited number of remote AutoLoadPro weighing locations. Features include bi-directional data exchange, multi-level data security options, management of historical data, custom reporting suite includes license for Crystal Reports. Optional add on modules for invoicing and accounts receivable.

AutoLoadPro Unattended Data Terminal (UATA)

UADT Standard Components Include:	Call CSS
• 4 Line display	
• QWERTY keyboard	
• Blind JAGXTREME controller	

AutoLoadPro Unattended Data Terminal (UATA) Optional Accessories

Scale interface	Call CSS
Proxima R/F card reader	Call CSS
Smart Pass R/F tag reader	Call CSS
Kiosk ticket printer	Call CSS
Intercom	Call CSS
Thermostatically controlled heater	Call CSS
Additional I/O arrays for peripheral controls	Call CSS

AutoScale® v2.6 System

CONSULTATIVE

Standard Features:

- Designed for the waste services industry (landfills, transfer stations, recycling centers, MRF's, waste-to-energy plants)
- Interfaces to a variety of weight indicator models (serial and Ethernet)
- Totally configurable ticketing design
- Ticket edit maintenance
- Standard reporting
- On-line ad hoc system query interface
- Capability for unlimited custom report creation
- Bi-directional data exchange capable
- May be interfaced to third party accounting and financial applications

Ordering Information

AutoScale v2.6

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
	AutoScale v2.5 Basic Package		\$5,077
WP-S1YRSM	Required 1st year system support agreement		Call CSS

AutoScale v2.6 Accessories

	Fully networkable via LAN or WAN		Call CSS
	Accounting system interface/export file creation		Call CSS
	Invoicing software module		Call CSS
	Accounts receivable software module		Call CSS
	Unattended weighing interface		Call CSS
	Video security interface		Call CSS
	Traffic light interface		Call CSS
	Traffic gate control interface		Call CSS

BackOffice AutoScale v2.6 Central Management & Reporting System (CMRS)

*	BackOffice AutoScale v2.5		Call CSS
Provides home office or administrative headquarters a master database synchronized w/unlimited number of remote AutoScale v2.5 weighing locations. Features include bi-directional data exchange, multi-level data security options, management of historical data, custom reporting suite includes license for Crystal Reports. Optional add on modules for invoicing and accounts receivable.			

AutoScale v2.6 Unattended Data Terminal (UATA) - See configurator page

	UATA Standard Components Include:		Call CSS
	• 4 Line display • QWERTY keyboard • Blind JAGXTREME controller		

AutoScale v2.5 Unattended Driver Terminal (UADT) Optional Accessories

	Scale interface		Call CSS
	Proxima R/F card reader		Call CSS
	Smart Pass R/F tag reader		Call CSS
	Kiosk ticket printer		Call CSS
	Intercom		Call CSS
	Thermostatically controlled heater		Call CSS
	Additional I/O arrays for peripheral controls		Call CSS



UADT

Unattended Data Terminal for OverDrive™

CONSULTATIVE

OverDrive Model Configuration

Terminal Type	Scale Interface	Printer Type	Reader Interface	Intercom	Loop Level	I/O	Heater/Exhaust	Power
UADT	0,1,2,3	0,1	0,1,2,3,4	0,1	0,1	0,1,2,3,4,5,6	0,1,2,3	0,1
U A D T - 2 1 1 1 1 - 0 0 0								

Ordering Information

UADT

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
UADT	4-line display, blind JagXtreme controller, QWERTY keyboard, OverDrive Software Interface		\$8,052
Scale Interface			
0	No interface		\$0
1	Single/dual analog platform		\$391
2	Triple/quad dual analog platform		\$792
3	Power cell		\$402
Printer Type			
0	No printer		\$0
1	Kiosk printer		\$2,767
Reader Interface			
0	No reader		\$0
1	US proximity reader		\$479
3	Barcode reader		\$919
4	Wiegand reader		\$1,298
5	SmartPass AVI Reader Interface		\$506
Intercom			
0	No intercom		\$0
1	Intercom speaker		\$358
2	Wireless intercom		\$1,496
Loop Level			
0	No loop interface		\$0
1	Dual loop interface		\$479
I/O			
0	No additional I/O		\$0
1	2 IN/2 OUT		\$374
2	2 IN/4 OUT		\$479
3	0 IN/6 OUT (includes multifunction card)		\$479
4	3 IN/4 OUT		\$490
5	4 IN/4 OUT		\$523
6	4 IN/6 OUT		\$919
Heater/Exhaust Fan			
0	None		\$0
1	Heater only		\$523
2	Exhaust fan only		\$341
3	Heater and exhaust fan		\$913
Power			
0	110 VAC		\$0
1	220 VAC		\$0

UWT

Unattended Weighing Terminal



CONSULTATIVE

UWT Model Configuration

Terminal Type	Software	Scale Interface	Printer Type	Reader Interface	Intercom	Loop Level	I/O	Heater / Exhaust	Power
UWT	V.A	1,2,3	0,1	0,1	0,1	0,1	0,1,2,3,4,5,6	0,1,2,3	0,1
UWT V - 2 1 1 1 - 0 0 0									

Ordering Information

UWT

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
UWT	24" x 24" x 12" stainless steel enclosure housing panel mount JAGXTREME scale instrument and QWERTY keyboard		\$8,619
Software			
V	VSU Inbound/Outbound Unattended Software		\$0
A	Axle Scale Unattended Software		\$0
Scale Interface			
1	Single/dual analog platform		\$0
2	Triple/quad dual analog platform		\$754
3	Power cell		\$0
Printer Type			
0	No printer		\$0
1	Kiosk printer		\$1,414
Reader Interface			
0	No reader		\$0
1	AWID Proximity Badge Reader		\$479
Intercom			
0	No intercom		\$0
1	Intercom speaker		\$358
2	Wireless intercom		\$1,496
Loop Level			
0	No loop interface		\$0
1	Dual loop interface		\$479
I/O			
0	No additional I/O		\$0
1	2 IN/2 OUT		\$374
2	2 IN/4 OUT		\$479
3	0 IN/6 OUT (includes multifunction card)		\$479
4	3 IN/4 OUT		\$490
5	4 IN/4 OUT		\$523
6	Future		\$0
Heater/Exhaust Fan			
0	None		\$0
1	Heater only		\$523
2	Exhaust fan only		\$341
3	Heater and exhaust fan		\$913
Power			
0	110 VAC		\$0
1	220 VAC		\$0



UATA

Unattended Data Terminal
for AutoLoadPro® and AutoScale®

CONSULTATIVE

UATA Model Configuration

Terminal Type	Scale Interface	Printer Type	Reader Interface	Intercom	Loop Level	I/O	Heater / Exhaust	Power
UATA	0.1.2.3	0.1	0.1.3.4.5	0.1	0.1	0,1,2,3,4,5	0.1.2.3	0.1

UATA - 21111 - 000

Ordering Information

UATA

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
UATA	4-line display, blind JagXtreme controller, full keyboard, AutoScale/AutoLoad Software Interf		\$8,052
Scale Interface			
0	No interface		\$0
1	Single/dual analog platform		\$391
2	Triple/quad dual analog platform		\$792
3	Power cell		\$402
Printer Type			
0	No printer		\$0
1	Kiosk printer		\$2,767
Reader Interface			
0	No reader		\$0
1	US proximity reader		\$479
3	Barcode reader		\$919
4	Wiegand reader		\$1,298
5	SmartPass AVI Reader Interface		\$506
Intercom			
0	No intercom		\$0
1	Intercom speaker		\$358
2	Wireless intercom		\$1,496
Loop Level			
0	No loop interface		\$0
1	Dual loop interface		\$479
I/O			
0	No additional I/O		\$0
1	2 IN/2 OUT		\$374
2	2 IN/4 OUT		\$479
3	0 IN/6 OUT (includes multifunction card)		\$479
4	3 IN/4 OUT		\$490
5	4 IN/4 OUT		\$523
6	4 IN/6 OUT		\$919
Heater/Exhaust Fan			
0	None		\$0
1	Heater only		\$523
2	Exhaust fan only		\$341
3	Heater and exhaust fan		\$913
V			
0	110 VAC		\$0
1	220 VAC		\$0

Truck/Vehicle Scales

Unattended Terminal Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
90804100C	Enclosure to Pole Bracket Conversion Kit		\$495
90893200A	10' Pole Kit - 4" diam Pole,Base,Anchors		\$1,150
90893100A	6' Pole Kit - 4" diam Pole,Base,Anchors		\$677
907916006	6' x 4" diam Pole Only		\$226
907916010	10' x 4" diam Pole Only		\$407
90793700A	Standalone Proxima Card Reader (for administrative use only)		\$721
PROX-LINC-CS	Proxima Card (ea)		\$10
908239003	LEF 3 Base Station Intercom		\$391
90824100A	PS-12C 28W, 12V DC Power Supply for above		\$308
91073500A	Photo Eye Kit		\$908
91063900A	Wireless Ethernet Kit - Multiple Configurations		Call CSS
91095000A	Wireless Serial Transceiver		Call CSS
909191000A	In-ground loop kit		\$1,150
91039000A	Sun shield with pole mount bracket		\$897
90800900A	Printer Paper - 1 roll (8" diam) 79.5mm width		\$50
UNATTEND045	Standalone Outdoor Remote Printer, SS Enclosure, Print Server		\$5,423
	Note: An industrial 30 character keypad may now be substituted for the standard QWERTY keyboard.		Call CSS
90885800A	Printer Paper - 1 roll (8" diam) 60mm width		\$44



APPROVED

0951

Mechanical Conversion Kits

0951 Mechanical Conversion Kit

COMMERCIAL

Approvals: (load cells only)

- NTEP Class III, 3000d (Commercial) Class IIIL, 10,000d (Vehicle), COC# 91-090P
- OIML R60 C3, COC# TC2826
- Factory Mutual (FM) and CSA Hazardous Area Approval (all load cells)

Standard Features:

- Stainless Steel (Model 736) S-type 2 mV/V load cell
- 25 ft integrated load cell cable
- Steelyard mounting hardware with adapters for 5/16 in, 3/8 in, and 1/2 in coarse steelyard rods

Accessories:

- See Weigh Modules Accessories page

Ordering Information

0951 Mechanical Conversion Kits

Order Number	Load Cell Capacity	Load Cell Thread Size	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
09513111	50 lb	3/8"-24 UNF	736	5 lb	\$715
09513112	100 lb		736	5 lb	\$715
09513113	200 lb		736	5 lb	\$715
09513114	500 lb	1/2"-20 UNF	736	5 lb	\$715
09513115	1000 lb		736	5 lb	\$715
09513116	2000 lb		736	5 lb	\$715

SWS310

Tension Weigh Modules

Non-Approved

SLS410 Load Cell



COMMERCIAL

Approvals: (load cell only)

- Factory Mutual Approval (cFMus) on 15k and 20k only

Standard Features:

- Nickel-plated alloy tool steel
- Zinc-plated carbon steel mounting hardware
- 3mV/V output
- IP67
- 6 m (20 ft) integrated cable
- Zinc-plated mild steel clevis
- Teflon lined rod end bearings
- Grounding strap
- Nylon washers between clevis and rod ends
- Globally accepted geometry, same as Vishay-Revere 363

NOTES:

- Install a secondary support system of safety chains or other means to prevent damage or physical harm in case of weigh module component failure in

Accessories:

- See Weigh Modules Accessories page
- Metric size hardware and load cells

Ordering Information

SWS310 / SLS410 Tension Weigh Modules

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
61041096	1 (No J-Box)	50 lb	50 lb	SLS410	3 lb	\$488
61041097		100 lb	100 lb	SLS410	3 lb	\$488
61041098		200 lb	200 lb	SLS410	3 lb	\$488
61041099		300 lb	300 lb	SLS410	3 lb	\$488
61041100		500 lb	500 lb	SLS410	5 lb	\$522
61041101		750 lb	750 lb	SLS410	5 lb	\$522
61041102		1000 lb	1000 lb	SLS410	5 lb	\$522
61041103		1500 lb	1500 lb	SLS410	5 lb	\$522
61041104		2000 lb	2000 lb	SLS410	6 lb	\$522
61041105		3000 lb	3000 lb	SLS410	7 lb	\$567
61041106		5000 lb	5000 lb	SLS410	13 lb	\$766
61041107		10000 lb	10000 lb	SLS410	14 lb	\$766
61041108		15000 lb	15000 lb	SLS410	38 lb	\$1,531
61041109		20000 lb	20000 lb	SLS410	50 lb	\$1,921



0978

Tension Weigh Modules

0978 Tension

COMMERCIAL

Approvals: (load cells only)

- NTEP 3000d Class III, 10,000d Class IIIL, COC# 91-090 (50-5000 lb load cells)
- OIML R60 C3, COC# TC2826
- Factory Mutual (FM) and CSA Hazardous Area Approval (all load cells)

Standard Features:

- Fully assembled weigh modules
- Stainless Steel (Model 736) S-type 2 mV/V load cell
- 25 ft integrated load cell cable
- Nickel-plated mounting hardware
 - Two-spherical rod ends
 - Two-clevises
 - Bonding strap
- TYPE 4X/IP65 stainless summing junction box with trim pots

Notes:

- Install a secondary support system of safety chains or other means to prevent damage or physical harm in case of weigh module component failure in
- 10,000 lb load cell is not NTEP certified.

Accessories:

- See Weigh Modules Accessories page

Ordering Information

0978 Tension Weigh Modules

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
09780011X5	1 (No J-Box)	50 lb	50 lb	736	11 lb	\$646
09780011-1		100 lb	100 lb	736	11 lb	\$646
09780011-2		200 lb	200 lb	736	11 lb	\$646
09780011-3		300 lb	300 lb	736	11 lb	\$646
09780011-5		500 lb	500 lb	736	17 lb	\$646
0978001101		1000 lb	1000 lb	736	18 lb	\$646
0978001102		2000 lb	2000 lb	736	23 lb	\$646
0978001103		3000 lb	3000 lb	736	46 lb	\$743
0978001105		5000 lb	5000 lb	736	46 lb	\$885
0978001110		10,000 lb	10,000 lb	736	70 lb	\$1,281
09780113X5	3	50 lb	150 lb	736	33 lb	\$2,284
09780113-1		100 lb	300 lb	736	33 lb	\$2,284
09780113-2		200 lb	600 lb	736	33 lb	\$2,284
09780113-3		300 lb	900 lb	736	33 lb	\$2,284
09780113-5		500 lb	1500 lb	736	51 lb	\$2,284
0978011301		1000 lb	3000 lb	736	54 lb	\$2,284
0978011302		2000 lb	6000 lb	736	69 lb	\$2,284
0978011303		3000 lb	9000 lb	736	138 lb	\$2,580
0978011305		5000 lb	15,000 lb	736	138 lb	\$3,000
0978011310		10,000 lb	30,000 lb	736	210 lb	\$4,193
09780114X5	4	50 lb	200 lb	736	42 lb	\$2,925
09780114-1		100 lb	400 lb	736	42 lb	\$2,925
09780114-2		200 lb	800 lb	736	42 lb	\$2,925
09780114-3		300 lb	1200 lb	736	42 lb	\$2,925
09780114-5		500 lb	2000 lb	736	42 lb	\$2,925
0978011401		1000 lb	4000 lb	736	60 lb	\$2,925
0978011402		2000 lb	8000 lb	736	87 lb	\$2,925
0978011403		3000 lb	12,000 lb	736	174 lb	\$3,322
0978011405		5000 lb	20,000 lb	736	174 lb	\$3,882
0978011410		10,000 lb	40,000 lb	736	264 lb	\$5,471

VLM2 Value Line

Weigh Modules



VLM2 Value Line

COMMERCIAL

Approvals:

- NTEP 5000d, Class III, COC #97-072 and #92-108
- Factory Mutual (FM) and CSA Hazardous Area Approval

Standard Features:

- Fully assembled weigh modules
- Model 793 Stainless Steel hermetically sealed 3 mV/V load cells
(except Model 713 Stainless Steel potted 250 lb and 2000 lb 3 mV/V load cells)
- 20 ft load cell cable
- TYPE 4X/IP65 Stainless Steel summing junction box with trim pots (no junction box with single module systems)
- Fixed compression mount upper receiver and zinc plated base plate

Accessories:

- See Weigh Modules Accessories page

Ordering Information

VLM2 Weigh Modules

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Potted or Herm.	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
VLM2C102	1 (No J-Box)	250 lb	250 lb	P	713	13 lb	\$458
VLM2C105H		500 lb	500 lb	H	793	13 lb	\$596
VLM2C110H		1000 lb	1000 lb	H	793	15 lb	\$596
VLM2C120		2000 lb	2000 lb	P	713	15 lb	\$596
VLM2C125H		2500 lb	2500 lb	H	793	15 lb	\$596
VLM2C302	3	250 lb	750 lb	P	713	25 lb	\$1,584
VLM2C305H		500 lb	1500 lb	H	793	25 lb	\$2,012
VLM2C310H		1000 lb	3000 lb	H	793	31 lb	\$2,012
VLM2C320		2000 lb	6000 lb	P	713	31 lb	\$2,012
VLM2C325H		2500 lb	7500 lb	H	793	31 lb	\$2,012
VLM2C402	4	250 lb	1000 lb	P	713	32 lb	\$2,035
VLM2C405H		500 lb	2000 lb	H	793	32 lb	\$2,550
VLM2C410H		1000 lb	4000 lb	H	793	39 lb	\$2,579
VLM2C420		2000 lb	8000 lb	P	713	39 lb	\$2,579
VLM2C425H		2500 lb	10,000 lb	H	793	39 lb	\$2,579

VLM2 Weigh Modules with Stainless Steel base plate, spacers, and mounting hardware

VLM2S102	1 (No J-Box)	250 lb	250 lb	P	713	13 lb	\$692
VLM2S105H		500 lb	500 lb	H	793	13 lb	\$692
VLM2S110H		1000 lb	1000 lb	H	793	15 lb	\$692
VLM2S120		2000 lb	2000 lb	P	713	15 lb	\$692
VLM2S125H		2500 lb	2500 lb	H	793	15 lb	\$692
VLM2S302	3	250 lb	750 lb	P	713	25 lb	\$2,290
VLM2S305H		500 lb	1500 lb	H	793	25 lb	\$2,290
VLM2S310H		1000 lb	3000 lb	H	793	31 lb	\$2,290
VLM2S320		2000 lb	6000 lb	P	713	31 lb	\$2,290
VLM2S325H		2500 lb	7500 lb	H	793	31 lb	\$2,290
VLM2S402	4	250 lb	1000 lb	P	713	32 lb	\$3,003
VLM2S405H		500 lb	2000 lb	H	793	32 lb	\$3,003
VLM2S410H		1000 lb	4000 lb	H	793	39 lb	\$3,003
VLM2S420		2000 lb	8000 lb	P	713	39 lb	\$3,003
VLM2S425H		2500 lb	10000 lb	H	793	39 lb	\$3,003



VLM3 Value Line

Weigh Modules

VLM3 Value Line

COMMERCIAL
Approvals:

- Factory Mutual (FM) and CSA Hazardous Area Approval

Standard Features:

- Unassembled weigh module kits
- Dual-ended Model 792 shear beam 3 mV/V load cells
- Integrated conduit fitting and 20 ft load cell cable
- TYPE 4X/IP65 Stainless Steel summing junction box with trim pots (no junction box with single module systems)
- Painted fixed upper receiver and base plate

Accessories:

- See Weigh Modules Accessories page

Ordering Information
VLM3 Weigh Modules

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
VLM3C101	1 (No J-Box)	1000 lb	1000 lb	792	30 lb	\$766
VLM3C102		2000 lb	2000 lb	792	30 lb	\$766
VLM3C105		5000 lb	5000 lb	792	30 lb	\$766
VLM3C110		10,000 lb	10,000 lb	792	75 lb	\$1,009
VLM3C115		15,000 lb	15,000 lb	792	75 lb	\$1,009
VLM3C125		25,000 lb	25,000 lb	792	75 lb	\$1,009
VLM3C135		35,000 lb	35,000 lb	792	75 lb	\$1,061
VLM3C150		50,000 lb	50,000 lb	792	160 lb	\$2,142
VLM3C175		75,000 lb	75,000 lb	792	160 lb	\$2,261
VLM3C301	3	1000 lb	3000 lb	792	65 lb	\$2,261
VLM3C302		2000 lb	6000 lb	792	65 lb	\$2,261
VLM3C305		5000 lb	15,000 lb	792	65 lb	\$2,261
VLM3C310		10,000 lb	30,000 lb	792	225 lb	\$2,941
VLM3C315		15,000 lb	45,000 lb	792	225 lb	\$2,941
VLM3C325		25,000 lb	75,000 lb	792	225 lb	\$2,941
VLM3C335		35,000 lb	105,000 lb	792	225 lb	\$3,088
VLM3C350		50,000 lb	150,000 lb	792	455 lb	\$6,366
VLM3C375		75,000 lb	225,000 lb	792	455 lb	\$6,366
VLM3C401	4	1000 lb	4000 lb	792	85 lb	\$2,890
VLM3C402		2000 lb	8000 lb	792	85 lb	\$2,890
VLM3C405		5000 lb	20,000 lb	792	286 lb	\$2,890
VLM3C410		10,000 lb	40,000 lb	792	286 lb	\$3,797
VLM3C415		15,000 lb	60,000 lb	792	286 lb	\$3,797
VLM3C425		25,000 lb	100,000 lb	792	286 lb	\$3,797
VLM3C435		35,000 lb	140,000 lb	792	286 lb	\$3,987
VLM3C450		50,000 lb	200,000 lb	792	585 lb	\$8,508
VLM3C475		75,000 lb	300,000 lb	792	585 lb	\$8,508

Note: Consult Marketing for custom configurations of more than four weigh modules.

0958 CENTERLIGN™

Weigh Modules
Mild Steel



0958 Centerlign

APPLIED

Approvals: (load cells only)

- NTEP 5000d Class III, COC# 92-108 (500 lb to 10,000lb)
- OIML R60 C3 3000d (TC2154)
- Factory Mutual (FM), CSA and ATEX Hazardous Area Approval

Standard Features:

- Fully assembled weigh modules
- 17-4PH Stainless Steel shear beam 2 mV/V load cells
- Integrated conduit fitting and cable, 15 ft (250-5000 lb) or 30 ft (10,000 lb)
- TYPE 4X/IP65 Stainless Steel summing junction box with trim pots
- Shipped with locating tools in place. Rocker pins shipped separately

Accessories:

- See Weigh Modules Accessories page

Ordering Information

0958 CENTERLIGN Weigh Modules — Mild Steel

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Potted or Herm.	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
0958131X2-2	1 (No J-Box)	250 lb	250 lb	P	744	80 lb	\$1,225
0958111X5-2		500 lb	500 lb	H	745A	80 lb	\$1,225
095811101-2		1250 lb	1250 lb	H	745A	100 lb	\$1,225
095811102-2		2500 lb	2500 lb	H	745A	100 lb	\$1,225
095811105-2		5000 lb	5000 lb	H	745A	100 lb	\$1,225
095811110-2		10,000 lb	10,000 lb	H	745A	180 lb	\$1,412
0958133X2-1	3	250 lb	750 lb	P	744	80 lb	\$4,003
0958113X5-1		500 lb	1500 lb	H	745A	80 lb	\$4,003
095811301-1		1250 lb	3750 lb	H	745A	100 lb	\$4,003
095811302-1		2500 lb	7500 lb	H	745A	100 lb	\$4,003
095811305-1		5000 lb	15,000 lb	H	745A	100 lb	\$4,003
095811310-1		10,000 lb	30,000 lb	H	745A	180 lb	\$4,565
0958134X2-1	4	250 lb	1000 lb	P	744	80 lb	\$5,223
0958114X5-1		500 lb	2000 lb	H	745A	80 lb	\$5,223
095811401-1		1250 lb	5000 lb	H	745A	100 lb	\$5,223
095811402-1		2500 lb	10,000 lb	H	745A	100 lb	\$5,223
095811405-1		5000 lb	20,000 lb	H	745A	100 lb	\$5,223
095811410-1		10,000 lb	40,000 lb	H	745A	180 lb	\$5,978



0958 Centerlign



0958 CENTERLIGN™

Weigh Modules
Stainless Steel

APPLIED

Approvals: (load cells only)

- NTEP 5000d Class III, COC# 92-108 (500 lb to 10,000lb)
- OIML R60 C3 3000d (TC2154)
- Factory Mutual (FM), CSA and ATEX Hazardous Area Approval

Standard Features:

- 17-4PH Stainless Steel shear beam 2 mV/V load cells
- Integrated load cell cable, 15 ft (250-5000 lb) or 30 ft (10,000 lb)
- 304 Stainless Steel top and bottom mounting plates
- TYPE 4X/IP65 304 Stainless Steel summing junction box with trim pots

- Fully assembled weigh modules
- Shipped with locating tools in place
- Rocker pins shipped separately
- Integrated conduit fitting

Options:

- 316 Stainless Steel top and bottom mounting plates, spacer, and junction box enclosure

Accessories:

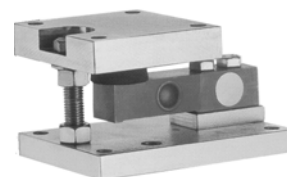
- See Weigh Modules Accessories page

Ordering Information**0958 CENTERLIGN Weigh Modules — Stainless Steel**

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Potted or Herm.	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
0958141X2-2	1 (No J-Box)	250 lb	250 lb	P	744	80 lb	\$1,594
0958121X5-2		500 lb	500 lb	H	745A	80 lb	\$1,594
095812101-2		1250 lb	1250 lb	H	745A	100 lb	\$1,594
095812102-2		2500 lb	2500 lb	H	745A	100 lb	\$1,594
095812105-2		5000 lb	5000 lb	H	745A	100 lb	\$1,594
095812110-2		10,000 lb	10,000 lb	H	745A	180 lb	\$1,990
0958143X2-1	3	250 lb	750 lb	P	744	80 lb	\$5,124
0958123X5-1		500 lb	1500 lb	H	745A	80 lb	\$5,124
095812301-1		1250 lb	3750 lb	H	745A	100 lb	\$5,124
095812302-1		2500 lb	7500 lb	H	745A	100 lb	\$5,124
095812305-1		5000 lb	15,000 lb	H	745A	100 lb	\$5,124
095812310-1		10,000 lb	30,000 lb	H	745A	180 lb	\$6,312
0958144X2-1	4	250 lb	1000 lb	P	744	80 lb	\$6,716
0958124X5-1		500 lb	2000 lb	H	745A	80 lb	\$6,716
095812401-1		1250 lb	5000 lb	H	745A	100 lb	\$6,716
095812402-1		2500 lb	10,000 lb	H	745A	100 lb	\$6,716
095812405-1		5000 lb	20,000 lb	H	745A	100 lb	\$6,716
095812410-1		10,000 lb	40,000 lb	H	745A	180 lb	\$8,298

0958 FLEXMOUNT®

Weigh Modules
Mild Steel



0958 Flexmount

APPLIED

Approvals: (load cells only)

- NTEP 5000d Class III, COC# 92-108 (500 lb to 10,000lb)
- OIML R60 C3 3000d (TC2154)
- Factory Mutual (FM), CSA and ATEX Hazardous Area Approval

Standard Features:

- Fully assembled weigh modules
- Self-checking design
- Integrated anti-lift mechanism
- 17-4 PH Stainless Steel shear beam 2 mV/V load cells
- Integrated conduit fitting and cable, 15 ft (250-5000 lb) or 30 ft (10,000 lb)
- TYPE 4X/IP65 Stainless Steel summing junction box with trim pots
- Epoxy painted top and bottom mounting plates

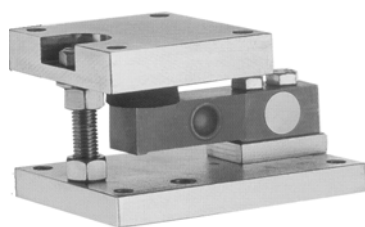
Accessories:

- See Weigh Modules Accessories page

Ordering Information

MILD STEEL - 0958 FLEXMOUNT Weigh Modules

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Potted or Herm.	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
0958033X2-1	3	250 lb	750 lb	P	744	60 lb	\$3,677
0958013X5-1		500 lb	1500 lb	H	745A	60 lb	\$3,677
095801301-1		1250 lb	3750 lb	H	745A	80 lb	\$3,677
095801302-1		2500 lb	7500 lb	H	745A	80 lb	\$3,677
095801305-1		5000 lb	15,000 lb	H	745A	80 lb	\$3,677
095801310-1		10,000 lb	30,000 lb	H	745A	150 lb	\$4,380
0958033X2-2	3 (No J-Box)	250 lb	750 lb	P	744	60 lb	\$3,352
0958013X5-2		500 lb	1500 lb	H	745A	60 lb	\$3,352
095801301-2		1250 lb	3750 lb	H	745A	80 lb	\$3,352
095801302-2		2500 lb	7500 lb	H	745A	80 lb	\$3,352
095801305-2		5000 lb	15,000 lb	H	745A	80 lb	\$3,352
095801310-2		10,000 lb	30,000 lb	H	745A	150 lb	\$4,057
0958034X2-1	4	250 lb	1000 lb	P	744	80 lb	\$4,787
0958014X5-1		500 lb	2000 lb	H	745A	80 lb	\$4,787
095801401-1		1250 lb	5000 lb	H	745A	100 lb	\$4,787
095801402-1		2500 lb	10,000 lb	H	745A	100 lb	\$4,787
095801405-1		5000 lb	20,000 lb	H	745A	100 lb	\$4,787
095801410-1		10,000 lb	40,000 lb	H	745A	180 lb	\$5,729
0958034X2-2	4 (No J-Box)	250 lb	1000 lb	P	744	80 lb	\$4,464
0958014X5-2		500 lb	2000 lb	H	745A	80 lb	\$4,464
095801401-2		1250 lb	5000 lb	H	745A	100 lb	\$4,464
095801402-2		2500 lb	10,000 lb	H	745A	100 lb	\$4,464
095801405-2		5000 lb	20,000 lb	H	745A	100 lb	\$4,464
095801410-2		10,000 lb	40,000 lb	H	745A	180 lb	\$5,406



0958 FLEXMOUNT SS



0958 FLEXMOUNT®

Weigh Modules
Stainless Steel

APPLIED

Approvals: (load cells only)

- NTEP 5000d Class III, COC# 92-108 (500 lb to 10,000lb)
- OIML R60 C3 3000d (TC2154)
- Factory Mutual (FM), CSA and ATEX Hazardous Area Approval

Standard Features:

- 17-4PH Stainless Steel shear beam 2 mV/V load cells
- Integrated load cell cable, 15 ft (250-5000 lb) or 30 ft (10,000 lb)
- Integrated conduit fitting
- 304 Stainless Steel top and bottom mounting plates
- TYPE 4X/IP65 304 Stainless Steel summing junction box with trim pots

- Fully assembled weigh modules
- Self-checking design
- Integrated anti-lift mechanism
- Shipped with locating tools in place
- Rocker pins shipped separately

Options:

- 316 Stainless Steel top and bottom mounting plates, spacer, and junction box enclosure

Accessories:

- See Weigh Modules Accessories page

Ordering Information**Stainless Steel - 0958 FLEXMOUNT Weigh Modules**

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Potted or Herm.	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDNS)
0958043X2-1	3	250 lb	750 lb	P	744	60 lb	\$4,871
0958023X5-1		500 lb	1500 lb	H	745A	60 lb	\$4,871
095802301-1		1250 lb	3750 lb	H	745A	80 lb	\$4,871
095802302-1		2500 lb	7500 lb	H	745A	80 lb	\$4,871
095802305-1		5000 lb	15,000 lb	H	745A	80 lb	\$4,871
095802310-1		10,000 lb	30,000 lb	H	745A	150 lb	\$6,363
0958043X2-2	3 (No J-Box)	250 lb	750 lb	P	744	60 lb	\$4,548
0958023X5-2		500 lb	1500 lb	H	745A	60 lb	\$4,548
095802301-2		1250 lb	3750 lb	H	745A	80 lb	\$4,548
095802302-2		2500 lb	7500 lb	H	745A	80 lb	\$4,548
095802305-2		5000 lb	15,000 lb	H	745A	80 lb	\$4,548
095802310-2		10,000 lb	30,000 lb	H	745A	150 lb	\$6,038
0958044X2-1	4	250 lb	1000 lb	P	744	80 lb	\$6,363
0958024X5-1		500 lb	2000 lb	H	745A	80 lb	\$6,363
095802401-1		1250 lb	5000 lb	H	745A	100 lb	\$6,363
095802402-1		2500 lb	10,000 lb	H	745A	100 lb	\$6,363
095802405-1		5000 lb	20,000 lb	H	745A	100 lb	\$6,363
095802410-1		10,000 lb	40,000 lb	H	745A	180 lb	\$7,946
0958044X2-2	4 (No J-Box)	250 lb	1000 lb	P	744	80 lb	\$6,038
0958024X5-2		500 lb	2000 lb	H	745A	80 lb	\$6,038
095802401-2		1250 lb	5000 lb	H	745A	100 lb	\$6,038
095802402-2		2500 lb	10,000 lb	H	745A	100 lb	\$6,038
095802405-2		5000 lb	20,000 lb	H	745A	100 lb	\$6,038
095802410-2		10,000 lb	40,000 lb	H	745A	180 lb	\$7,621

SWC515 Pinmount Weigh Modules



APPLIED

Approvals (load cells only)

- NTEP 6000d Class III, COC# 07-08392-108
- Factory Mutual and ATEX hazardous area
- OIML R60 C3 3000d (TC2154/TC2977)
- 39 ft Cable
- 1000 Ohm Cell

Standard Features

- Broad range of application solutions
 - Static loading on process and inventory vessels
 - Dynamic loading on conveyors/mixers
- Environmentally protected
 - IP68 model SLC610 Stainless Steel 2 mV/V load cell
 - Hermetically sealed Stainless Steel load cell
 - Glass-to-metal sealed cable egress
 - Zinc plated mild steel or Stainless Steel mounting hardware
- Light weight module
 - Lower shipping costs
 - Easy handling
- Single-design concept
 - One Pinmount replaces multiple Flexmount/Centerlig
 - Module orientation greatly simplified
 - Removeable alignment spacer
 - Low profile
 - Bumper stops provide 360 degree checking
 - Dual anti-lift protection standard
 - Integrated vertical safety down stops
 - Optional stabilizers for weigh-in-motion
 - Global approvals on every load cell

Ordering Information

SWC515 Pinmount Weigh Modules

Order Number	Number of Load Cells	Load Cell Capacity	Construction	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
72205446	1	7.5 t / 16,535 lb	Mild Steel	SLC610	44 lb	\$1,700
72205447		15 t / 33,069 lb			44 lb	\$1,932
72205448		22.5 t / 49,604 lb			44 lb	\$2,163
72205449	1	7.5 t / 16,535 lb	Stainless Steel	SLC610	44 lb	\$2,601
72205450		15 t / 33,069 lb			44 lb	\$2,832
72205451		22.5 t / 49,604 lb			44 lb	\$3,064

Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
72205444	Stabilizer Link, Carbon Steel	3 lb	\$222
72205445	Stabilizer Link, Stainless Steel	3 lb	\$335
72206152	Dummy Load Cell, SLC610, 0-22.5T SS	2 lb	\$222
72206153	Spacer Plate, SWC515, Stainless Steel	11 lb	\$426
72206154	Dead Stand, SWC515, Carbon Steel	29 lb	\$448
72206155	Dead Stand, SWC515, Stainless Steel	29 lb	\$1,128
72207262	Fabreeka Pad Kit, SWC515 (includes spacer plate)	16 lb	\$964
72207263	Acetal Thermal Pad Kit, SWC515 (includes spacer plate)	16 lb	\$561
72207264	PEI Thermal Pad Kit, SWC515 (includes spacer plate)	16 lb	\$964



**3390 Gagemount
Weigh Module**



3390 Gagemount

Weigh Modules

APPLIED

Approvals (load cells only)

- NTEP 10,000d Class III, COC #01-004
- PMT (Production Meets Type) per SMA guidelines
- OIML C3 R60, Certificate Number R60/2000-NL-01-04
- Factory Mutual (FM) Hazardous Area Approval, Certificate Number 3013511
- ATEX Hazardous Area Approval, Certificate Number KEMA 02ATEX1249 X

Standard Features

- Model 782 Stainless Steel, IP68 hermetically sealed rocker column 2 mV/V load cell
- 43 ft/13 m integrated load cell cable
- Zinc plated carbon steel or electropolished Stainless Steel mounting hardware
- Built-in horizontal traverse check rod

Accessories

- Optional SS Anti-Uplift kit
- Stainless Steel summing junction box with trim pots sold separately

Ordering Information

Model 3390 Gagemount

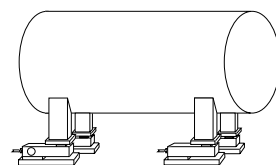
Order Number	Number of Load Cells	Load Cell Capacity	Construction	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
71202681	1	20 t / 44,000 lb	Nickel Plated Carbon Steel	782	55 lb	\$2,139
71202682		30 t / 66,000lb		782	55 lb	\$2,139
71202683		50 t / 110,000 lb		782	55 lb	\$2,851
71202687		100 t / 220,000 lb		782	243 lb	\$4,855
71210092		200 t / 440,000 lb		782	122 lb	\$5,086
72197823		300 t / 660,000 lb		782	276 lb	\$9,246
71202688	1	20 t / 44,000 lb	Electropolished Stainless Steel	782	55 lb	\$3,295
71202696		30 t / 66,000lb		782	55 lb	\$3,295
71202697		50 t / 110,000 lb		782	55 lb	\$4,219
71202701		100 t / 220,000 lb		782	243 lb	\$6,762
71210170		200 t / 440,000 lb		782	243 lb	\$7,397

Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
72188827	Anti-Uplift Kit SS 3390 GM	11 lb	\$142
72192265	1½" Spacer Plate SS 20-50t 3390 GM (Recommended for easy load cell removal)	23 lb	\$268
72192266	1½" Spacer Plate SS 100t 3390 GM (Recommended for easy load cell removal)	82 lb	\$901
72218916	1½" Spacer Plate CS 200t 3390 GM (Recommended for easy load cell removal)	82 lb	\$284
61005973	Standard junction box - 6-Hole (up to 4 modules, add second box for up to 8 modules)	2 lb	\$319
72188111	Dummy 0782 load cell 20-50 t 3390 GM	4 lb	\$137
72188112	Dummy 0782 load cell 100 t 3390 GM	7 lb	\$200
72194571	Dead Stand CS 20 t - 50 t 3390 GM	17 lb	\$142
72194572	Dead Stand CS 100 t 3390 GM	27 lb	\$369
72191936	Acetal Shock/Thermal Pad 20 t - 50 t 3390 GM	4 lb	\$171
72191939	Acetal Shock/Thermal Pad 100 t 3390 GM	12 lb	\$534
72191937	PEI Thermal Pad 20 t - 50 t 3390 GM	3 lb	\$488
72191940	PEI Thermal Pad 100 t 3390 GM	11 lb	\$1,536
72194406A	Installation and Service Manual - English (shipped with product)		\$11
72194407A	Assembly & Installation Guide		\$11

0958 FLEXMOUNT®

Level Detection Weigh Modules Mild Steel



**0958 FLEXMOUNT
Level Detection**

APPLIED

Approvals: (load cells only)

- NTEP 5000d Class III, COC# 92-108 and #88-008 (500 lb to 45,000 lb)
- OIML R60 C3 3000d (TC2154/TC2977)
- Factory Mutual (FM), CSA and ATEX Hazardous Area Approval

Standard Features:

- Fully assembled weigh modules
 - Three-support systems: 1 "live" weigh module, 2 "dead" weigh modules
 - Four-support systems: 2 "live" weigh modules, 2 "dead" weigh modules
- Stainless Steel shear beam 2 mV/V load cell
- Integrated conduit fitting and cable, 15 ft (250-5000 lb) or 30 ft (10,000-45,000 lb)
- TYPE 4X/IP65 Stainless Steel summing junction box with trim pots (four support systems only)
- Epoxy painted top and bottom mounting plates

Accessories:

- See Weigh Modules Accessories page

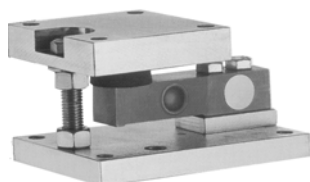
Ordering Information

0958 FLEXMOUNT Level Detection Weigh Modules - Mild Steel

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Potted or Herm.	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
0958DC11X2-2	3 1 - "live" 2 - "dead" (No J-Box)	250 lb	750 lb	P	744	60 lb	\$2,110
0958DC11X5-2		500 lb	1500 lb	H	745A	60 lb	\$2,110
0958DC1101-2		1250 lb	3750 lb	H	745A	80 lb	\$2,110
0958DC1102-2		2500 lb	7500 lb	H	745A	80 lb	\$2,110
0958DC1105-2		5000 lb	15,000 lb	H	745A	80 lb	\$2,110
0958DC1110-2		10,000 lb	30,000 lb	H	745A	150 lb	\$2,492
0958DC12X2-1	4 2 - "live" 2 - "dead"	250 lb	1000 lb	P	744	80 lb	\$3,602
0958DC12X5-1		500 lb	2000 lb	H	745A	80 lb	\$3,602
0958DC1201-1		1250 lb	5000 lb	H	745A	100 lb	\$3,602
0958DC1202-1		2500 lb	10,000 lb	H	745A	100 lb	\$3,602
0958DC1205-1		5000 lb	20,000 lb	H	745A	100 lb	\$3,602
0958DC1210-1		10,000 lb	40,000 lb	H	745A	180 lb	\$3,825
0958DC12X2-2	4 2 - "live" 2 - "dead" (No J-Box)	250 lb	1000 lb	P	744	80 lb	\$3,277
0958DC12X5-2		500 lb	2000 lb	H	745A	80 lb	\$3,277
0958DC1201-2		1250 lb	5000 lb	H	745A	100 lb	\$3,277
0958DC1202-2		2500 lb	10,000 lb	H	745A	100 lb	\$3,277
0958DC1205-2		5000 lb	20,000 lb	H	745A	100 lb	\$3,277
0958DC1210-2		10,000 lb	40,000 lb	H	745A	180 lb	\$3,501

NOTES:

- Level detection weigh module systems are only suitable to weigh vessels containing liquids or gases with a constant horizontal center of gravity location.
- Live load cells utilize full-floating Flexmount weigh modules.
- Dead weigh modules have the same mounting dimensions as live weigh modules.
- The dummy load cells in dead weigh modules can later be replaced with live load cells.
- System accuracy: 2-5% of system capacity.



0958 FLEXMOUNT SS



0958 FLEXMOUNT®

Level Detection Weigh Modules
Stainless Steel

APPLIED

Approvals: (load cells only)

- NTEP 5000d Class III, COC# 92-108 and #88-008 (500 lb to 45,000 lb)
- OIML R60 C3 3000d (TC2154/TC2977)
- Factory Mutual (FM), CSA and ATEX Hazardous Area Approval

Standard Features:

- Fully assembled weigh modules
 - Three-support systems: 1 "live" weigh module, 2 "dead" weigh modules
 - Four-support systems: 2 "live" weigh modules, 2 "dead" weigh modules
- Stainless Steel shear beam 2 mV/V load cell
- Integrated conduit fitting and cable, 15 ft (250-5000 lb) or 30 ft (10,000-45,000 lb)
- TYPE 4X/IP65 Stainless Steel summing junction box with trim pots (four support systems only)
- 304 Stainless Steel top and bottom mounting plates

Accessories:

- See Weigh Modules Accessories page

Ordering Information

0958 FLEXMOUNT Level Detection Weigh Modules - Stainless Steel

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Potted or Herm.	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
0958DS11X2-2	3 1 - "live" 2 - "dead" (No J-Box)	250 lb	750 lb	P	744	60 lb	\$3,045
0958DS11X5-2		500 lb	1500 lb	H	745	60 lb	\$3,045
0958DS1101-2		1250 lb	3750 lb	H	745	80 lb	\$3,045
0958DS1102-2		2500 lb	7500 lb	H	745	80 lb	\$3,045
0958DS1105-2		5000 lb	15,000 lb	H	745	80 lb	\$3,045
0958DS1110-2		10,000 lb	30,000 lb	H	745	150 lb	\$4,415
0958DS12X2-1	4 2 - "live" 2 - "dead"	250 lb	1000 lb	P	744	80 lb	\$4,925
0958DS12X5-1		500 lb	2000 lb	H	745	80 lb	\$4,925
0958DS1201-1		1250 lb	5000 lb	H	745	100 lb	\$4,925
0958DS1202-1		2500 lb	10,000 lb	H	745	100 lb	\$4,925
0958DS1205-1		5000 lb	20,000 lb	H	745	100 lb	\$4,925
0958DS1210-1		10,000 lb	40,000 lb	H	745	180 lb	\$5,504
0958DS12X2-2	4 2 - "live" 2 - "dead" (No J-Box)	250 lb	1000 lb	P	744	80 lb	\$4,601
0958DS12X5-2		500 lb	2000 lb	H	745	80 lb	\$4,601
0958DS1201-2		1250 lb	5000 lb	H	745	100 lb	\$4,601
0958DS1202-2		2500 lb	10,000 lb	H	745	100 lb	\$4,601
0958DS1205-2		5000 lb	20,000 lb	H	745	100 lb	\$4,601
0958DS1210-2		10,000 lb	40,000 lb	H	745	180 lb	\$5,180

NOTES:

- Level detection weigh module systems are only suitable to weigh vessels containing liquids or gases with a constant horizontal center of gravity location.
- Live load cells utilize full-floating Flexmount weigh modules.
- Dead weigh modules have the same mounting dimensions as live weigh modules.
- The dummy load cells in dead weigh modules can later be replaced with live load cells.
- System accuracy: 2-5% of system capacity.

0970 Ringmount®

Weigh Modules

NTEP 5000d/OIML C3



0970 Ringmount

APPLIED

Approvals: (load cells only)

- NTEP 5000d Class III, COC# 00-124 (500 kg - 5000 kg)
- OIML R60 C3 3000d, COC# D09-00.08
- Factory Mutual (FM), CSA and ATEX Hazardous Area Approval

Standard Features:

- Fully assembled weigh modules
- 17-4PH rocker pin and hold down bolts
- 316L Stainless Steel top and bottom plates
- Model RLC Stainless Steel hermetically sealed (IP68) 2 mV/V load cells
- 16.4 ft/5 m (250-5000 kg) and 32.8 ft/10 m (10,000 kg) integrated load cell cab
- TYPE 4X/IP65 316 Stainless Steel summing junction box with trim pots

Ordering Information

0970 Ringmount Weigh Module

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
097001X24-2	1 (No J-Box)	551 lb / 250 kg	551 lb / 250 kg	RLC	13 lb	\$1,631
097001X54-2		1102 lb / 500 kg	1102 lb / 500 kg	RLC	13 lb	\$1,631
097001014-2		2204 lb / 1000 kg	2204 lb / 1000 kg	RLC	13 lb	\$1,631
097001024-2		4409 lb / 2000 kg	4409 lb / 2000 kg	RLC	13 lb	\$1,631
097001034-2		7716 lb / 3500 kg	7716 lb / 3500 kg	RLC	13 lb	\$1,828
097001054-2		11,023 lb / 5000 kg	11,023 lb / 5000 kg	RLC	13 lb	\$2,023
097001104-2		22,046 lb / 10,000 kg	22,046 lb / 10,000 kg	RLC	18 lb	\$2,522
097003X24-1	3	551 lb / 250 kg	1653 lb / 750 kg	RLC	44 lb	\$5,240
097003X54-1		1102 lb / 500 kg	3306 lb / 1500 kg	RLC	44 lb	\$5,240
097003014-1		2204 lb / 1000 kg	6612 lb / 3000 kg	RLC	44 lb	\$5,240
097003024-1		4409 lb / 2000 kg	13,227 lb / 6000 kg	RLC	44 lb	\$5,240
097003034-1		7716 lb / 3500 kg	23,148 lb / 10,500 kg	RLC	44 lb	\$5,833
097003054-1		11,023 lb / 5000 kg	33,069 lb / 15,000 kg	RLC	44 lb	\$6,420
097003104-1		22,046 lb / 10,000 kg	66,138 lb / 30,000 kg	RLC	55 lb	\$7,922
097004X24-1	4	551 lb / 250 kg	2204 lb / 1000 kg	RLC	53 lb	\$6,864
097004X54-1		1102 lb / 500 kg	4408 lb / 2000 kg	RLC	53 lb	\$6,864
097004014-1		2204 lb / 1000 kg	8816 lb / 4000 kg	RLC	55 lb	\$6,864
097004024-1		4409 lb / 2000 kg	17,636 lb / 8000 kg	RLC	55 lb	\$6,864
097004034-1		7716 lb / 3500 kg	30,864 lb / 14,000 kg	RLC	55 lb	\$7,658
097004054-1		11,023 lb / 5000 kg	44,092 lb / 20,000 kg	RLC	56 lb	\$8,442
097004104-1		22,046 lb / 10,000 kg	88,184 lb / 40,000 kg	RLC	55 lb	\$10,433

Note: Consult Marketing for custom configurations of more than four weigh modules.



0970 Ringmount



0970 Ringmount®

Weigh Modules
OIML C6

APPLIED

Approvals: (load cells only)

- OIML R60 C6 6000d, COC# D09-00.08
- NTEP 5000d Class III, COC# 00-124 (500 kg - 5000 kg)
- Factory Mutual (FM), CSA and ATEX Hazardous Area Approval

Standard Features:

- Fully assembled weigh modules
- Model RLC Stainless Steel hermetically sealed (IP68) 2 mV/V load cells
- 16.4 ft/5 m (250-5000 kg) and 32.8 ft/10 m (10,000 kg) integrated load cell cable
- 17-4PH rocker pin and hold down bolts
- TYPE 4X/IP65 316 Stainless Steel summing junction box with trim pots (no junction box with single module systems)
- 316L Stainless Steel top and bottom plates

Accessories:

- See Weigh Modules Accessories page

Ordering Information

0970 Ringmount Weigh Module with Analog Junction Box

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
097001016-2	1 (No J-Box)	2204 lb / 1000 kg	2204 lb / 1000 kg	RLC	13 lb	\$1,975
097001026-2		4409 lb / 2000 kg	4409 lb / 2000 kg	RLC	13 lb	\$1,975
097001036-2		7716 lb / 3500 kg	7716 lb / 3500 kg	RLC	13 lb	\$2,040
097001056-2		11,023 lb / 5000 kg	11,023 lb / 5000 kg	RLC	13 lb	\$2,233
097003016-1	3	2204 lb / 1000 kg	6612 lb / 3000 kg	RLC	44 lb	\$6,284
097003026-1		4409 lb / 2000 kg	13,227 lb / 6000 kg	RLC	44 lb	\$6,284
097003036-1		7716 lb / 3500 kg	23,148 lb / 10,500 kg	RLC	44 lb	\$6,475
097003056-1		11,023 lb / 5000 kg	33,069 lb / 15,000 kg	RLC	44 lb	\$7,057
097004016-1	4	2204 lb / 1000 kg	8816 lb / 4000 kg	RLC	55 lb	\$8,256
097004026-1		4409 lb / 2000 kg	17,636 lb / 8000 kg	RLC	55 lb	\$8,256
097004036-1		7716 lb / 3500 kg	30,864 lb / 14,000 kg	RLC	55 lb	\$8,512
097004056-1		11,023 lb / 5000 kg	44,092 lb / 20,000 kg	RLC	56 lb	\$9,287

Note: Consult Marketing for custom configurations of more than four weigh modules.

0972 Ultramount®

Weigh Modules



0972 Ultramount

APPLIED

Approvals (load cells only)

- NTEP 5000d Class III, COC# 06-045
- OIML R60 C3 3000d, COC# TC6035
- Factory Mutual (FM), CSA Hazardous Area and ATEX Approval

Standard Features

- Fully assembled weigh modules
- Model MTB Stainless Steel hermetically sealed (IP68) 2 mV/V load cells
- Ball and cup self-aligning suspension
- 9.8 ft (3 m) integrated load cell cable
- TYPE 4X/IP65 Stainless Steel summing junction box with trim pots (no junction box with single module systems)
- 304 Stainless Steel top and bottom plates

Accessories

- See Weigh Modules Accessories page

Ordering Information

0972 Ultramount with Ball and Cup Suspension (Dynamic Loading)

Order Number	Number of Load Cells	Load Cell Capacity	Gross System Capacity	Load Cell Model Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
09721121X5-2	1 (No J-Box)	11 lb/5 kg *	11 lb/5 kg *	MTB	25 lb	\$963
0972112101-2		22 lb/10 kg	22 lb/10 kg	MTB	25 lb	\$963
0972112102-2		44 lb/20 kg	44 lb/20 kg	MTB	25 lb	\$963
0972112105-2		110 lb/50 kg	110 lb/50 kg	MTB	25 lb	\$963
0972112110-2		220 lb/100 kg	220 lb/100 kg	MTB	25 lb	\$963
09721123X5-1	3	11 lb/5 kg *	30 lb/15 kg	MTB	33 lb	\$3,205
0972112301-1		22 lb/10 kg	60 lb/30 kg	MTB	33 lb	\$3,205
0972112302-1		44 lb/20 kg	120 lb/60 kg	MTB	33 lb	\$3,205
0972112305-1		110 lb/50 kg	300 lb/150 kg	MTB	33 lb	\$3,205
0972112310-1		220 lb/100 kg	600 lb/300 kg	MTB	33 lb	\$3,205
09721124X5-1	4	11 lb/5 kg *	40 lb/20 kg	MTB	40 lb	\$4,167
0972112401-1		22 lb/10 kg	80 lb/40 kg	MTB	40 lb	\$4,167
0972112402-1		44 lb/20 kg	150 lb/80 kg	MTB	40 lb	\$4,167
0972112405-1		110 lb/50 kg	400 lb/200 kg	MTB	40 lb	\$4,167
0972112410-1		220 lb/100 kg	800 lb/400 kg	MTB	40 lb	\$4,167

Note: Consult Marketing for custom configurations of more than four weigh modules.

Note: *11lb load cell is OIML D1 certified

Accessories

Dummy Load Cells

Dimensionally identical to standard "live" load cells less the electronics. Use in place of "live" load cells during construction phase of a project. Model 745 load cell used in Flexmount and Centerline as well as in 2158, 2888, and 2266 floor.

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
TA600415	Model 0958 Dummy Load Cell - 250-2500 lb Capacities		\$142
TA600416	Model 0958 Dummy Load Cell - 5000 lb Capacities		\$160
TA600417	Model 0958 Dummy Load Cell - 10,000 lb Capacities		\$189
TB600814-CS	Model 0958 Dummy Load Cell - 20,000-30,000 lb Capacities		\$218
TB600815-CS	Model 0958 Dummy Load Cell - 45,000 lb Capacities		\$260
TB600885	Model 0958 Dummy Load Cell - 50,000-100,000 lb Capacities		\$336
TB600886	Model 0958 Dummy Load Cell - 150,000-200,000 lb Capacities		\$440
TA601085	Ringmount Dummy Load Cell - 250 - 5000 kg Capacity		\$224
17092200A	Ringmount Dummy Load Cell - 10,000 kg Capacity		\$267
TA601223-250	VLM2 Dummy Load Cell - 250 lb Capacity		\$140
TA601223-2500	VLM2 Dummy Load Cell - 500 - 2500 lb Capacity		\$145
TA601222-5	VLM3 Dummy Load Cell - 1000 - 5000 lb Capacity		\$163
TA601222-35	VLM3 Dummy Load Cell - 10,000 - 35,000 lb Capacity		\$193
TA601222-75	VLM3 Dummy Load Cell - 50,000 - 75,000 lb Capacity		\$226

Dead Load Stands

Welded stands are dimensionally identical to standard weigh module assembly but do not contain a load cell.

Stands may be used to support a tank or vessel during long construction phases. Dead Load Stands are epoxy painted.

TA600766	Model 0958 Dead Load Stand - 250 - 5000 lb Capacities	\$112
TA600767	Model 0958 Dead Load Stand - 10,000 lb Capacities	\$125
TA600768	Model 0958 Dead Load Stand - 20,000 - 30,000 lb Capacities	\$348
TA600769	Model 0958 Dead Load Stand - 45,000 lb Capacities	\$420
TA601131	Model 0958 Dead Load Stand - 50,000 lb - 100,000 lb Capacities	\$556
TA601234	Model 0958 Dead Load Stand - 150,000 lb - 200,000 lb Capacities	\$902

Conduit Adapter Fittings

Thread these fittings onto the integral 1/4"-18 NPT load cell fitting to adapt to standard 1/2" conduit.

MZ1405000047	Model 0958 Zinc Plated Adapter for 250 - 45,000 lb Weigh Modules	\$16
TN800737	Model 0958 Zinc Plated Adapter for 50,000 - 200,000 lb Weigh Modules	\$16
MZ1405000168	Model 0958 Stainless Steel adapter for 250 - 45,000 lb Weigh Modules	\$26

Stainless Steel Tags

SS TAG	Engraved 3/4" x 3" Stainless Steel ID Tag with two-sided Mounting Tape	\$53
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Accessories

Thermal Insulating Pads (pre-drilled for Model/Capacity)

Mounted between weigh module top plate and vessel to eliminate or reduce thermal conduction through the load cell. Pads are washdown safe and FDA approved. 1" thick for 0958, 1/2" thick for 0970/0972, 1" thick for 0970 10000 kg. Prices per

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
Acetron® GP Acetal Pad - up to 180°F / 82°C			
TA600762	Model 0958 Acetron® GP Acetal Pad - 250 - 5000 lb Capacities	1 lb	\$94
TA600763	Model 0958 Acetron® GP Acetal Pad - 10,000 lb Capacities	2 lb	\$148
TA600764	Model 0958 Acetron® GP Acetal Pad - 20,000 - 30,000 lb Capacities	3 lb	\$196
TA600765	Model 0958 Acetron® GP Acetal Pad - 45,000 lb Capacities	4 lb	\$230
TA601074	Model 0970 Acetron® GP Acetal Pad - 250 - 5000 kg Capacities	1 lb	\$113
TA601083-ACE	Model 0970 Acetron® GP Acetal Pad - 10,000 kg Capacities	1 lb	\$438
Utem 1000 Polyetherimide Pad - up to 340°F / 171°C			
TA600762-PEI	Model 0958 Utem 1000 Polyetherimide Pad - 250 - 5000 lb Capacities	1 lb	\$442
TA600763-PEI	Model 0958 Utem 1000 Polyetherimide Pad - 10,000 lb Capacities	2 lb	\$695
TA600764-PEI	Model 0958 Utem 1000 Polyetherimide Pad - 20,000 - 30,000 lb Capacities	3 lb	\$807
TA600765-PEI	Model 0958 Utem 1000 Polyetherimide Pad - 45,000 lb Capacities	4 lb	\$912
TA601074-PEI	Model 0970 Utem 1000 Polyetherimide Pad - 250 - 5000 kg Capacities	1 lb	\$307
TA601083-ULT	Model 0970 Utem 1000 Polyetherimide Pad - 10,000 kg Capacities	1 lb	\$966

Fabreeka® Pads (pre-drilled for Model/Capacity)

For shock load or vibration damping. Mounted between weigh module top plate and vessel. 1" thick for Model 0958 and 10,000 kg Model 0970 modules. 1/2" thick for other Model 0970 and all Model 0972 modules. Prices are per pad.

TA600445	Model 0958 Fabreeka® Pad - 250-5000 lb Capacities	1 lb	\$134
TA600045	Model 0958 Fabreeka® Pad - 10,000 lb Capacities	2 lb	\$235
TA600811	Model 0958 Fabreeka® Pad - 20,000-30,000 lb Capacities	3 lb	\$377
TA600812	Model 0958 Fabreeka® Pad - 45,000 lb Capacities	4 lb	\$446
TA601006	Model 0958 Fabreeka® Pad - 50,000 - 100,000 lb Capacities	4 lb	\$766
TA601020	Model 0970 Fabreeka® Pad - 250 - 5000 kg Capacities	1 lb	\$107
TA601083-FAB	Model 0970 Fabreeka® Pad - 10,000 kg Capacity	1 lb	\$585
TA600919	Model 0972 Fabreeka® Pad - 5-100 kg Capacities	1 lb	\$66

Drill Guide Templates

Weigh module templates for layout of mounting plates. Fabricated from 16-gauge Stainless Steel and include four 1/8" diameter guide holes.

TN600681	Model 0958 Top Plate Template - 250 - 5000 lb Capacities	1 lb	\$14
TN600682	Model 0958 Top Plate Template - 10,000 lb Capacities	2 lb	\$14
TN600755	Model 0958 Top Plate Template - 20,000 - 30,000 lb Capacities	3 lb	\$19
TN600757	Model 0958 Top Plate Template - 45,000 lb Capacities	4 lb	\$19
TN600760	Model 0958 Bottom Plate Template - 250 - 5000 lb Capacities	1 lb	\$19
TN600761	Model 0958 Bottom Plate Template - 10,000 lb Capacity	2 lb	\$25
TN600756	Model 0958 Bottom Plate Template - 20,000 - 30,000 lb Capacities	3 lb	\$25
TN600758	Model 0958 Bottom Plate Template - 45,000 lb Capacity	4 lb	\$25

Alternate Junction Boxes

Standard Analog Junction Box

Most weigh module systems are supplied with the Standard Analog Junction Box. Depending upon the application an alternate junction box, or no junction box may be required. To order an alternate selection replace the "-1" suffix on the item with "-2" (no junction box) and order the alternate junction box as a separate item. A deleted junction box receives a \$280 credit to the weigh module set price.

- 304 Stainless Steel construction
- Gasketed ingress protected
- Analog summing PCB with 4 trim potentiometers
- 1.88" x 6.25" x 12" overall dimensions (48mm x 159mm x 305mm)
- Plastic cord grips
- Plugs for unused connectors (14467600A)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
61005973	6-Hole, TYPE 4X/IP65 protection	2 lb	\$319
61038197	6-Hole, ATEX certified	2 lb	\$341
TA100831-SS	6-Hole, IP69K protection	2 lb	\$396
TB100743-7P	7-Hole, CalFREE with Trim Pot Jumpers	2 lb	\$396

Large Analog Junction Box

- 304 Stainless Steel construction
- TYPE 4X/IP65 protection
- Analog summing PCB with 4 trim potentiometers
- 4.94" x 5.69" x 10.13" overall dimension (125 mm x 145 mm x 257 mm)
- Hub connectors for 1/2" conduit
- Plugs for unused connectors
- Coil up to 60 ft of excess cable inside

61005972	5-Hole	3 lb	\$374
61038201	5-Hole, ATEX certified	3 lb	\$396

316 Stainless Steel Junction Box

- 316 Stainless Steel construction
- TYPE 4X/IP65 protection
- Same junction box used with 0970 Ringmount weigh modules
- Analog summing PCB with 4 trim potentiometers

TB100550	5-Hole junction box	2 lb	\$369
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RAAD Junction Box

- **RAAD™ Box** converts analog load cell output to METTLER-TOLEDO DigiTOL® output with MTX® technology
- Stainless Steel construction
- TYPE 4X/IP65 protection
- Analog summing PCB with 4 trim potentiometers
- Compatible with 2mV/V or 3mV/V load cells
- Up to 4 load cells per RAAD box
- For Jaguar®, JAGXTREME®, or Cougar® terminals

09041013000	RAAD Box	3 lb	\$1,202
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IDNet Junction Box

- Interface to ID terminals
- Stainless Steel enclosure
- IP56 protection
- 5 m instrument cable with special locknut and washer

09-000000	3 load cell system	3 lb	\$1,073
09-000001	4 load cell system	3 lb	\$1,073

Cable Splice Box

- Stainless Steel construction
- Internal terminal block for splicing one cable
- TYPE 4X/IP65 protection
- 2-Hole design

TB100448	Standard enclosure (8"L x 5"W x 1 7/8"D) with 3/8" cord grips	2 lb	\$220
TB100451	Large enclosure (8"L x 5"W x 4"D) with 1/2" conduit fittings	2 lb	\$286

Alternate Cable

Ordering Information

Polyurethane - additional length integrated loadcell cable price adder

Order Number	Weigh Module Model	Load Cell Capacity	Initial Cable length	Added Cable length	Total Cable Length	Suggested List Price (CDN\$)
Custom - Order Numbers will be assigned after placement of order	0958	250-5000 lb	15 ft	15 ft	30 ft	\$59
				30 ft	45 ft	\$117
				45 ft	60 ft	\$174
		10k lb	30 ft	15 ft	45 ft	\$59
				30 ft	60 ft	\$117
				15 ft	45 ft	\$117
		20k - 45k lb	30 ft	30 ft	60 ft	\$233
				30 ft	60 ft	\$233
	0970	250-5000 kg	5 m	5 m	10 m	\$59
				10 m	15 m	\$117
				15 m	20 m	\$174
		10,000 kg	10 m	5 m	15 m	\$59
				10 m	20 m	\$117

Teflon - integrated loadcell cable price adder (for 745A and RLC load cells only)

Order Number	Weigh Module Model	Load Cell Capacity	Total Cable Length	Suggested List Price (CDN\$)
Custom - Order Numbers will be assigned after placement of order	0958	250-5000 lb	15 ft	\$200
			30 ft	\$396
			45 ft	\$594
			60 ft	\$791
		10k lb	30 ft	\$396
			45 ft	\$594
			60 ft	\$791
	0970	250-5000 kg	5 m	\$439
			10 m	\$878
			15 m	\$1,315
			20 m	\$1,754
		10,000 kg	10 m	\$878
			15 m	\$1,315
			20 m	\$1,754

Home Run cables - 6 conductors, single shield

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
510624370	Polyurethane jacketed 24 gauge home run cable - for runs 50 ft or less (per foot)		\$2.31
510620370	Polyurethane jacketed 20 gauge home run cable - for runs 300 ft or less (per foot)		\$3.41
MZ1203000027	Teflon jacketed 20 gauge home run cable - for runs 300 ft or less (per foot)		\$5.61

Notes

Model MSI-7200

"Dyna-Link" Digital Tension Dynamometer

ALLIANCE PARTNER

Standard Features:

- Tension dynamometer with 1 inch (25mm) liquid crystal display
- 2 "C" alkaline batteries

Ordering Information

MSI-7200 - Discount Code MSI-C

Order Number	Capacity (lb/kg)	Resolution (lb/kg)	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-7200500LB	500 lb/250 kg	0.5 lb/0.2 kg	7 lb	\$1,535
MSI-72001K	1000 lb/500 kg	1 lb/0.5 kg	7 lb	\$1,535
MSI-72002K	2000 lb/1000 kg	2 lb/1 kg	7 lb	\$1,535
MSI-72005K	5000 lb/2500 kg	5 lb/2 kg	7 lb	\$1,535
MSI-720010K	10,000 lb/5000 kg	10 lb/5 kg	18 lb	\$1,755
MSI-720025K	25,000 lb/12,500 kg	20 lb/10 kg	35 lb	\$2,310
MSI-720050K	50,000 lb/25,000 kg	50 lb/20 kg	55 lb	\$2,965
MSI-7200100K	100,000 lb/50,000 kg	100 lb/50 kg	90 lb	\$3,955
MSI-7200160K	160,000 lb/80,000 kg	200 lb/100 kg	150 lb	Call
MSI-7200220K	220,000 lb/110,000 kg	200 lb/100 kg	185 lb	Call
MSI-7200350K	350,000 lb/175,000 kg	500 lb/200 kg	285 lb	Call
MSI-7200400K	400,000 lb/200,000 kg	500 lb/200 kg	450 lb	Call
MSI-7200500K	500,000 lb/250,000 kg	500 lb/200 kg	575 lb	Call

MSI-7200 Options - Discount Code MSI-C

Order Number	Capacity (lb/kg)	Shackle Strength	Shipping Weight (lb)	Suggested List Price (CDN\$)
Top and bottom shackles (both):				
72000P01A	500-5000	3.25 ton	3 lb	\$83
72000P01B	10,000	6.50 ton	6 lb	\$160
72000P01C	25,000	17 ton	39 lb	\$688
72000P01D	50,000	25 ton	63 lb	\$1,018
72000P01E	100,000	55 ton	104 lb	\$2,415
For higher capacity units; 85, 120, 175, 200, and 250 ton shackles are available				Call

Portable carrying case:

72000P02A	For 500-10,000 lb capacity unit	\$385
72000P02B	For 25,000-50,000 lb capacity unit	\$385
72000P02C	For 100,000 capacity unit	\$385
72000P03	Dual display remote control with 25 feet of cable (additional cable is \$1.95 per	\$908
72000P04	Quick disconnect for option 72000P03	\$138
72000P05	Analog output from load sensor	\$204
72000P06	RS232 serial output from remote control only	\$215
72000P07	Audible setpoint alarm (contact factory for specifications)	Call



Model MSI-3360

"Challenger 2" Digital Crane Scale

ALLIANCE PARTNER

Approvals:

- NTEP Class III; 2500d: COC # 86-021A2 (through 10k capacity)

Standard Features:

- Crane unit with 5 digit, 1.2 in (30 mm) LED display
- Top lifting eye and bottom swivel hook
- Lbs / kg switch selectable
- 6 volt rechargeable battery and 115 VAC, 50/60 Hz battery charger (230 VAC optional)

Ordering Information**MSI-3360 - Discount Code MSI-C**

Order Number	Capacity (lb/kg)	Resolution (lb/kg)	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-3360250LB	250 lb/125 kg	0.1 lb/0.05 kg	22 lb	\$1,925
MSI-3360500LB	500 lb/250 kg	0.2 lb/0.1 kg	22 lb	\$1,925
MSI-33601K	1000 lb/500 kg	0.5 lb/0.2 kg	22 lb	\$2,035
MSI-33602K	2000 lb/1000 kg	1 lb/0.5 kg	22 lb	\$2,035
MSI-33605K	5000 lb/2500 kg	2 lb/1 kg	39 lb	\$2,525
MSI-336010K	10,000 lb/5000 kg	5 lb/2 kg	39 lb	\$2,525
MSI-336015K	15,000 lb/7000 kg	5 lb/2 kg	56 lb	\$3,988

MSI-3360 Options - Discount Code MSI-C

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
33600P01	Universal direct power supply; 85-265 VAC, 47-440 Hz/130-300VDC		\$385
33600P02	Infrared full-function remote controller		\$105
33600P03	230 VAC 50/60 Hz battery charger		\$0
33600P04	RS232 data output with connector		\$325
33600P05	Audible setpoint alarm (contact factory for specifications)		\$325

MSI-3360 Accessories - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
C00502-0001	Battery assembly, 6 volt rechargeable		\$105
C00504-0001	Battery charger, 115 VAC, 50-60 Hz		\$165
C00504-0004	Battery charger, 230 VAC, 50-60 Hz		\$165

Model MSI-4260

"Port-A-Weigh" Digital Crane Scale



ALLIANCE PARTNER

Approvals:

- NTEP Class III, IIIL; 2000d, 5000d: COC # 88-098A, 89-090; S.WA-3257, Measurement Canada Approval #AM-5180C

Standard Features:

- Crane unit with 1.2 in (30 mm) LED display
- Top lifting eye or shackle, bottom thrust bearing swivel hook
- 12 volt rechargeable battery and 115-230 VAC, 50/60 Hz universal battery charger
(North American plug configuration is standard; contact factory if alternate is required)

MSI-4260 - Discount Code MSI-B

Order Number	Capacity (lb/kg)	Resolution (lb/kg)	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-4260500LB	500 lb/250 kg	0.2 lb/0.1 kg	53 lb	\$3,955
MSI-42602K	2000 lb/1000 kg	1 lb/0.5 kg	53 lb	\$3,955
MSI-42605K	5000 lb/2500 kg	1 lb/0.5 kg	62 lb	\$4,065
MSI-426010K	10,000 lb/5000 kg	2 lb/1 kg	62 lb	\$4,175
MSI-426020K	20,000 lb/10,000 kg	5 lb/2 kg	105 lb	\$5,495
MSI-426030K	30,000 lb/15,000 kg	10 lb/5 kg	125 lb	\$5,825
MSI-426050K	50,000 lb/25,000 kg	10 lb/5 kg	235 lb	\$8,025
MSI-426070K	70,000 lb/35,000 kg	20 lb/10 kg	270 lb	\$10,445
MSI-4260100K	100,000 lb/50,000 kg	20 lb/10 kg	420 lb	\$17,595

MSI-4260 Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
42600P01	NTEP approved (contact factory for specifications)		Call
42600P02	RF remote controller (control for On/Off, Zero, Tare, and other functions)		\$292
42600P03	Anti-Heat shielding (contact factory for specifications)		\$825

Substitute bottom swivel hook with shackle:

42600P04A	For 500-10,000 lb capacity unit (6.5 ton bottom shackle)	\$0
42600P04B	For 20,000-30,000 lb capacity unit (17 ton bottom shackle)	\$0
42600P04C	For 50,000 lb capacity unit (standard 40 ton bottom shackle)	-\$1,650
42600P04D	For 70,000 lb capacity unit (standard 40 ton bottom shackle)	-\$2,310
42600P04E	For 100,000 lb capacity unit (standard 55 ton bottom shackle)	-\$6,600

Oversized top lifting eye or shackle (contact factory for dimensions)

42600P05A	For 500-10,000 lb capacity unit	\$545
42600P05B	For 20,000-30,000 lb capacity unit (25 ton shackle)	\$1,315
42600P05C	For 50,000-70,000 lb capacity unit (contact factory for assistance)	Call
42600P05D	For 100,000 lb capacity unit (contact factory for assistance)	Call
42600P06	Oversized bottom hooks for most capacities (contact factory for assistance)	Call
42600P07	Universal direct power supply; 85-265 VAC, 47-440 Hz/130-300VDC	\$468
42600P08	FM Approved for hazardous applications (contact factory for specifications)	\$1,315

MSI-4260 Accessories - Discount Code MSI-B

D00559-0004	Battery assembly, 12 volt rechargeable	\$105
502221-0001	Universal battery charger; 90-264 VAC, 47-63 Hz (North American plug standard; contact factory if alternate plug is required)	\$270
D00745-0001	Factory Mutual Approved battery assembly, 12 volt rechargeable	\$138
502452-0001	Spare RF remote controller for 42600P02	\$94



Model MSI-4300

"Port-A-Weigh Plus" Digital Crane Scale

ALLIANCE PARTNER
Approvals:

- NTEP Class III; 5000d: COC # 92-176 (5000 lb); Measurement Canada Approval #AM-4984, #AM-5169C

Standard Features:

- Crane unit with 6 digit, 1.6 in (40 mm), backlight, liquid crystal display
- Top lifting eye or shackle, bottom thrust bearing swivel hook
- 12V volt rechargeable battery; 115-230 VAC, 50/60 Hz universal battery charger (North American plug is standard)

MSI-4300 - Discount Code MSI-B

Order Number	Capacity (lb/kg)	Resolution (lb/kg)	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-4300500LB	500 lb/250 kg	0.2 lb/0.1 kg	53 lb	\$4,395
MSI-43002K	2000 lb/1000 kg	1 lb/0.5 kg	53 lb	\$4,395
MSI-43005K	5000 lb/2500 kg	1 lb/0.5 kg	62 lb	\$4,395
MSI-430010K	10,000 lb/5000 kg	2 lb/1 kg	62 lb	\$4,505
MSI-430020K	20,000 lb/10,000 kg	5 lb/2 kg	105 lb	\$5,825
MSI-430030K	30,000 lb/15,000 kg	10 lb/5 kg	125 lb	\$6,155
MSI-430050K	50,000 lb/25,000 kg	10 lb/5 kg	235 lb	\$8,355
MSI-430070K	70,000 lb/35,000 kg	20 lb/10 kg	270 lb	\$10,775
MSI-4300100K	100,000 lb/50,000 kg	20 lb/10 kg	420 lb	\$17,925

MSI-4300 Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
43000P01	NTEP approved (contact factory for specifications)		Call
43000P02	Infrared full function remote controller		\$545
43000P03	7 key configuration; includes Total, Tare Memory, and Peak Hold features		\$358

Substitute bottom swivel hook with shackle:

43000P04A	For 500-10,000 lb capacity unit (6.5 ton bottom shackle)	\$0
43000P04B	For 20,000-30,000 lb capacity unit (17 ton bottom shackle)	\$0
43000P04C	For 50,000 lb capacity unit (standard 40 ton bottom shackle)	-\$1,650
43000P04D	For 70,000 lb capacity unit (standard 40 ton bottom shackle)	-\$2,310
43000P04E	For 100,000 lb capacity unit (standard 55 ton bottom shackle)	-\$6,600

Oversized top lifting eye or shackle (contact factory for dimensions)

43000P05A	For 500-10,000 lb capacity unit	\$545
43000P05B	For 20,000-30,000 lb capacity unit (25 ton shackle)	\$1,315
43000P05C	For 50,000-70,000 lb capacity unit (contact factory for assistance)	Call
43000P05D	For 100,000 lb capacity unit (contact factory for assistance)	Call
43000P06	Oversized bottom hooks for most capacities (contact factory for dimensions)	Call
43000P07	Low headroom adapter (contact MSI for specifications)	Call
43000P08	RS232 data output (contact factory for specifications)	\$325
43000P09	Remote load cell input and summing (contact factory for specifications)	Call
43000P10	Audible setpoint alarm (contact factory for specifications)	\$325
43000P11	Universal direct power supply; 85-265 VAC, 47-440 Hz/130-300VDC	\$468
43000P12	Alkaline battery power (8 disposable "D" cells)	\$0

MSI-4300 Accessories - Discount Code MSI-B

D00559-0004	Battery assembly, 12 volt rechargeable	\$105
502221-0001	Universal battery charger; 90-264 VAC, 47-63 Hz (North American plug standard; contact factory if alternate plug is required)	\$270

Model MSI-3700

"Magnum Plus" Lift Truck Scale



ALLIANCE PARTNER

Approvals

- NTEP Class III; 1000d: COC # 97-092 (5000 lb)

Standard Features

- MSI-3650-M digital indicator with backlight (12-48 VDC power specify truck voltage with order)
- 144 inch power cable and adjustable mounting bracket
- Carriage scale assembly with 180° indicator/load cell interface cable

Ordering Information

MSI-3700 - Discount Code MSI-B

Order Number	Capacity (lb/kg)	ITA Class Carriage	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-37005K	5000 x 2 lb/2500 x 1 kg	Class II (16 in x 36 in)	181 lb	\$6,265
MSI-37008K	8000 x 2 lb/4000 x 1 kg	Class III (20 in x 42 in)	700 lb	\$7,915
MSI-370010K	10,000 x 5 lb/5000 x 2 kg	Class III (20 in x 48 in)	800 lb	\$9,895

MSI-3700 Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
37000P01	NTEP Legal for Trade system configuration, Class II Carriage attachment and MSI-3650-M indicator only (5000 lb x 5 lb)		\$1,430
37000P02	RS232 I/O with Real Time Clock for standard indicator (cable not included)		\$105
37000P03	Expanded 120 ID code memory for standard indicator		\$72
37000P04	Expanded 240 ID code memory for standard indicator		\$105
37000P05	Tape printer, must be ordered in conjunction with option 02 or 07		\$1,535
37000P06	Cable retracting and storage assembly kit with 200 inch maximum lifting height		\$1,425
37000P07	Substitute standard indicator with MSI-3750 digital weight indicator		\$435
37000P08	Wireless RF data transfer (communicates with MSI-9020)		Call

MSI-3700 Accessories - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
501348-0001	Retractable load cell cable, 180 in., with 7 pin connectors and strain relief. (MSI-3700 Class II only)		\$275
C00626-0001	Retractable load cell cable, 180 in., with 5 pin connectors and strain relief. (MSI-3600 Class II & MSI-3700 Class III only)		\$358



Model MSI-5300

"Load Ranger" Portable Wheel Weigher

ALLIANCE PARTNER

Approvals:

- NTEP Class IIII; 400d: COC # 90-129P

Standard Features:

- Wheel pad with 6 volt rechargeable battery (Battery charger sold separately. See MSI-5300 accessories).

Ordering Information**MSI-5300 - Discount Code MSI-B**

Order Number	Capacity (lb/kg)	Resolution (lb/kg)	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-5300	20,000 lb/10,000 kg	20 lb/10 kg	50 lb	\$2,635

MSI-5300 Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
5300OP01	NTEP approved (contact factory for specifications)		\$0

MSI-5300 Accessories - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
C00654-0001	Battery, 6 volt rechargeable		\$66
D00743-0001	Battery charger, 115/230VAC, 50/60 Hz, 12 VDC (charges 4 batteries at the same time)		\$798

Model MSI-9000

"CellScale"

ALLIANCE PARTNER

Standard Features:

- 2.4 GHz Spread Spectrum frequency hopping
- 2 scale inputs and excitation with remote sensing (see accessories for mating connector)
- Power/switch cable, 13 ft (4 m), for 9-30 VDC input with 2 programmable switch inputs
- RS232, RS-422, and RS-485 I/O with real time clock, 13 ft (4 m) interface cable
- 3 internal SS relays for setpoint control
- TYPE 4, IP65 enclosure (TYPE 6, IP67 with long range antenna)

Ordering Information

MSI-9000 - Discount Code MSI-B

Order Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-9000	7 lb	\$2,965

MSI-9000 Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
90000P01	NTEP approval (contact MSI for specification)		\$0
90000P02	Internal AC/DC power supply (85-265 VAC, 47-440 Hz / 130-300 VDC) includes a separate, independent 9-30 VDC power input		\$325
90000P03	External 90-264 VAC, 47-63 Hz power adapter (for indoor use only)		\$127
90000P04	External 85-265 VAC, 47-440 Hz/140-300 VDC power supply in TYPE 4 IP66 enclosure, with standard power/switch cable and two programmable switches		\$545
90000P05	Long range antenna, 300m-500m, omni-directional with 9dBi gain, includes 10' (3m) coaxial cable		\$435
90000P06	9 dBi gain corner reflector antenna		Call
90000P07	14 dBi gain corner reflector antenna		Call
90000P08	5 dBi gain vehicle/cab mount whip antenna, includes 17 ft (5.2 m) coax cable		Call
90000P09	4-20 mA output. Provides programmable current output for direct connection to PLCs and other data acquisition equipment		\$358
90000P10	Dual 4-20 mA output. Provides two (2) programmable current outputs for direct connection to PLCs and other data acquisition equipment		\$468
90000P11	Unterminated cordset, 4m (13 ft) for 4-20 mA connection		\$105
90000P12	Setpoints output cable, 13' (4m) for access to internal SS relays		\$105
90000P13	Unterminated serial cable for comm port connection 13' (4m). (longer lengths available by special order - contact factory)		\$105
90000P14	Prewired load cell cable (various lengths for single and dual channel available)		Call
90000P15	2nd A/D module (4 scale inputs - adds second 12 pin connector)		\$435
90000P16	CellScale Virtual Monitor (CVM) software. See separate specification sheet.		Call
90000P17	Modem only equipped version (CellScale A/D removed)		-\$534
90000P18	Non-RF equipped version (CellScale RF modem removed)		-\$385
90000P19	MSI-9002 Breakout/Summing Box; 4 in / 1 out or 4 in / 2 out		\$715
90000P20	MSI-9008 Multiplexer; 8 in / 1 out (expands signal channel into 8)		\$985

MSI-9000 Accessories - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
11968	12 pin mating connector for single or dual scale input		\$55

Model MSI-9020

"CellScale" RF CellModem

ALLIANCE PARTNER

Standard Features:

- Modem only component; interfaces computers, printers, scoreboards, etc. to a CellScale network
- 2.4 GHz Spread Spectrum frequency hopping
- 1 Comm Port; RS232 or RS-422, 13 ft (4 m) interface cable
- Power cable: 13 ft (4 m) for 9-30 VDC input
- TYPE 4, IP65 enclosure (TYPE 6, IP67 with long range antenna)

Ordering Information**MSI-9020 - Discount Code MSI-B**

Order Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-9020	7 lb	\$2,415

MSI-9020 Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
90200P01	NTEP approval (contact MSI for specification)		\$0
90200P02	Internal 85-265 VAC, 47-440 Hz power supply		\$325
90200P03	Long range antenna, 300m-500m, omni-directional with 9dBi gain, includes 10' (3m) coaxial cable		\$435
90200P04	9 dBi gain corner reflector antenna		Call
90200P05	14 dBi gain corner reflector antenna		Call
90200P06	5 dBi gain vehicle/cab mount whip antenna, includes 17 ft (5.2 m) coax cable		Call
90200P07	Unterminated serial cable for comm port connection 13' (4m). (longer lengths available by special order - contact factory)		\$105
90200P08	CellScale Virtual Monitor (CVM) software. See separate specification sheet.		Call
90200P09	Industrial touch screen computer (ideal for running CellScale Virtual Monitor software in hostile environments)		Call

Model MSI-9750A

"CellScale" RF Remote Indicator

ALLIANCE PARTNER

Standard Features

- 2.4 GHz Spread Spectrum frequency hopping
 - Power supply: 6 Cell NiMH battery pack
 - Charger board: SMD NiMH fast charge
 - AC adapter/battery charger input: 90-264 VAC, 47-63 Hz
 - RS232 data I/O
 - Real time clock
 - Backlit liquid crystal display
 - TYPE 3, IP54 enclosure
- (North American plug configuration is standard; contact factory if alternate is required)

Ordering Information

MSI-9750 - Discount Code MSI-B

Order Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-9750A	2 lb	\$2,415

MSI-9000 Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
97500P01	NTEP approval (contact MSI for specification)		\$0

MSI-9750 Accessories - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
12431	Replacement NiMH battery pack		\$127
12674	Automotive adapter/battery charger input, 12 VDC, fused 5A		\$55
502154-0001	AC adapter/battery charger input, 90-264 VAC, 47-63 Hz (North American plug configuration standard; contact factory if alternate is required)		\$105

Model MSI-3750CS

"CellScale" RF Digital Weight Indicator

ALLIANCE PARTNER

Standard Features:

- 2.4 GHz Spread Spectrum frequency hopping
- Power input 85-265 VAC, 47-440 Hz / 130-300 VDC
- RS232 data I/O with real time clock
- Backlit liquid crystal display
- TYPE 4, IP65 enclosure

Ordering Information**MSI-3750CS - Discount Code MSI-B**

Order Number	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-3750CS	10 lb	\$2,965

MSI-3750CS Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
3750CSOP01	NTEP approval (contact MSI for specification)		\$0
3750CSOP02	10-36 VDC power input		\$105
3750CSOP03	20-60 VDC power input		\$105
3750CSOP04	Long range antenna, 300m-500m, omni-directional with 9dBi gain, includes 10' (3m) coaxial cable		\$435
3750CSOP05	9 dBi gain corner reflector antenna		Call
3750CSOP06	14 dBi gain corner reflector antenna		Call
3750CSOP07	5 dBi gain vehicle/cab mount whip antenna, includes 17 ft (5.2 m) coax cable		Call
3750CSOP08	Setpoint relays (7 form 'C' relays and 1 non-isolated logic setpoint outputs for interface to external devices)		Call
3750CSOP09	Audible alarm (activates with setpoint control)		\$325
3750CSOP10	External totalize switch with audible alarm		\$391
3750CSOP11	RS232, 13' (4m) interface cable with standard DB-9 serial connector		\$105
3750CSOP12	Mounting bracket (for wall or bulkhead mount)		\$138

Model MSI-9300

"Porta-Weigh Plus" CellScale RF Digital Crane Scale

ALLIANCE PARTNER

Standard Features

- Crane unit with 2.4 GHz Spread Spectrum transceiver
- Six digit, 1.2 in (30 mm) LED display and annunciators
- Top lifting eye or shackle, bottom thrust bearing swivel hook
- Serial input cable: 13 ft (4 m) for addressing CellScale setup and calibration
- 12 volt rechargeable battery and 115-230 VAC, 50/60 Hz universal battery charger
(North American plug configuration is standard; contact factory if alternate is required)

Notes:

- Communicates with MSI-9000, 9020, 9750A, or 3750CS. Each sold separately.

Ordering Information

MSI-9300 - Discount Code MSI-B

Order Number	Capacity (lb/kg)	Resolution (lb/kg)	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-9300CS500LB	500 lb/250 kg	0.2 lb/0.1 kg	53 lb	\$6,045
MSI-9300CS2K	2000 lb/1000 kg	1 lb/0.5 kg	53 lb	\$6,045
MSI-9300CS5K	5000 lb/2500 kg	1 lb/0.5 kg	62 lb	\$6,155
MSI-9300CS10K	10,000 lb/5000 kg	2 lb/1 kg	62 lb	\$6,265
MSI-9300CS20K	20,000 lb/10,000 kg	5 lb/2 kg	105 lb	\$7,585
MSI-9300CS30K	30,000 lb/15,000 kg	10 lb/5 kg	125 lb	\$7,915
MSI-9300CS50K	50,000 lb/25,000 kg	10 lb/5 kg	235 lb	\$10,115
MSI-9300CS70K	70,000 lb/35,000 kg	20 lb/10 kg	270 lb	\$12,535
MSI-9300CS100K	100,000 lb/50,000 kg	20 lb/10 kg	420 lb	\$19,465

MSI-9300 Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
9300CSOP01	NTEP approved (contact MSI for specification)		\$0
9300CSOP02	RF remote controller		\$292
9300CSOP03	Anti-Heat shielding for mill and foundry applications		\$825

Substitute bottom swivel hook with shackle:

9300CSOP04A	For 500-10,000 lb capacity unit (6.5 ton bottom shackle)	\$0
9300CSOP04B	For 20,000-30,000 lb capacity unit (17 ton bottom shackle)	\$0
9300CSOP04C	For 50,000 lb capacity unit (standard 40 ton bottom shackle)	-\$1,650
9300CSOP04D	For 70,000 lb capacity unit (standard 40 ton bottom shackle)	-\$2,310
9300CSOP04E	For 100,000 lb capacity unit (standard 55 ton bottom shackle)	-\$6,600

Oversized top lifting eye or shackle (contact factory for dimensions)

9300CSOP05A	For 500-10,000 lb capacity unit	\$545
9300CSOP05B	For 20,000-30,000 lb capacity unit (25 ton shackle)	\$1,315
9300CSOP05C	For 50,000-70,000 lb capacity unit (contact factory for assistance)	Call
9300CSOP05D	For 100,000 lb capacity unit (contact factory for assistance)	Call
9300CSOP06	Oversized bottom hooks for most capacities (contact factory for assistance)	Call
9300CSOP07	Low headroom adapter	Call
9300CSOP08	Universal direct power supply; 85-265 VAC, 47-440 Hz/100-300 VDC	\$468
9300CSOP09	Audible setpoint alarm (contact factory for specifications)	\$325
9300CSOP10	Non-RF equipped version (CellScale RF modem removed). Serial cable required for calibration on non-RF versions	-\$935

Model MSI-9300

"Porta-Weigh Plus" CellScale RF Digital Crane Scale

ALLIANCE PARTNER

Ordering Information

MSI-9300 Accessories - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
D00559-0004	Battery assembly, 12 volt rechargeable		\$105
502221-0001	Universal battery charger; 90-264 VAC, 47-63 Hz (North American plug configuration is standard. Contact factory if alternate is required)		\$270
502452-0001	Replacement RF remote controller		\$94

MSI-9300 Retrofit Kit - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
Call	MSI-9300CS Retrofit Kit - conversion kit to upgrade existing 4300 crane scales to 9300 RF units. Communicates with MSI-9000, 9020, 9750, or 3750CS. Serial number of unit being converted is required.		Call

Model MSI-6260CS

"Trans-Weigh" CellScale RF Digital Crane Scale

ALLIANCE PARTNER

Standard Features

- Crane unit with 2.4 GHz Spread Spectrum transceiver
- Top lifting eye or shackle, bottom thrust bearing swivel hook
- 12 volt rechargeable battery
- 115-230 VAC, 50/60 Hz universal battery charger

Notes:

- North American plug configuration is standard; contact factory if alternate is required
- Communicates with MSI-9000, 9020, 9750, or 3750CS. Each sold separately

Ordering Information

MSI-6260CS - Discount Code MSI-B

Order Number	Capacity (lb/kg)	Resolution (lb/kg)	Shipping Weight (lb)	Suggested List Price (CDN\$)
MSI-6260CS500LB	500 lb/250 kg	0.2 lb/0.1 kg	53 lb	\$4,868
MSI-6260CS2K	2000 lb/1000 kg	1 lb/0.5 kg	53 lb	\$4,868
MSI-6260CS5K	5000 lb/2500 kg	1 lb/0.5 kg	62 lb	\$4,978
MSI-6260CS10K	10,000 lb/5000 kg	2 lb/1 kg	62 lb	\$5,088
MSI-6260CS20K	20,000 lb/10,000 kg	5 lb/2 kg	105 lb	\$6,408
MSI-6260CS30K	30,000 lb/15,000 kg	10 lb/5 kg	125 lb	\$6,738
MSI-6260CS50K	50,000 lb/25,000 kg	10 lb/5 kg	235 lb	\$8,905
MSI-6260CS70K	70,000 lb/35,000 kg	20 lb/10 kg	270 lb	\$11,325
MSI-6260CS100K	100,000 lb/50,000 kg	20 lb/10 kg	420 lb	\$18,475

MSI-6260CS Options - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
6260CSOP01	NTEP approved (contact MSI for specification)		\$0
6260CSOP02	Anti-Heat shielding for mill and foundry applications		\$825

Substitute bottom swivel hook with shackle:

6260CSOP03A	For 500-10,000 lb capacity unit (6.5 ton bottom shackle)	\$0
6260CSOP03B	For 20,000-30,000 lb capacity unit (17 ton bottom shackle)	\$0
6260CSOP03C	For 50,000 lb capacity unit (standard 40 ton bottom shackle)	-\$1,650
6260CSOP03D	For 70,000 lb capacity unit (standard 40 ton bottom shackle)	-\$2,310
6260CSOP03E	For 100,000 lb capacity unit (standard 55 ton bottom shackle)	-\$6,600

Oversized top lifting eye or shackle (contact factory for dimensions)

6260CSOP04A	For 500-10,000 lb capacity unit	\$545
6260CSOP04B	For 20,000-30,000 lb capacity unit (25 ton shackle)	\$1,315
6260CSOP04C	For 50,000-70,000 lb capacity unit (contact factory for assistance)	Call
6260CSOP04D	For 100,000 lb capacity unit (contact factory for assistance)	Call
6260CSOP05	Oversized bottom hooks for most capacities (contact factory for assistance)	Call
6260CSOP06	Low headroom adapter	Call
6260CSOP07	Universal direct power supply; 85-265 VAC, 47-440 Hz/100-300 VDC	\$468

Model MSI-6260CS

"Trans-Weigh" CellScale RF Digital Crane Scale

ALLIANCE PARTNER

Ordering Information

MSI-6260CS Accessories - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
D00559-0004	Battery assembly, 12 volt rechargeable		\$105
502221-0001	Universal battery charger; 90-264 VAC, 47-63 Hz (North American plug configuration is standard. Contact factory if alternate is required)		\$270

MSI-6260CS Retrofit Kit - Discount Code MSI-B

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
Call	MSI-6260CS Retrofit Kit - conversion kit to upgrade existing 4260 or 6260 crane scales to 6260CS RF units. Communicates with MSI-9000, 9020, 9750, or 3750CS. Serial number of unit being converted is required.		Call

Shackle Dimensions

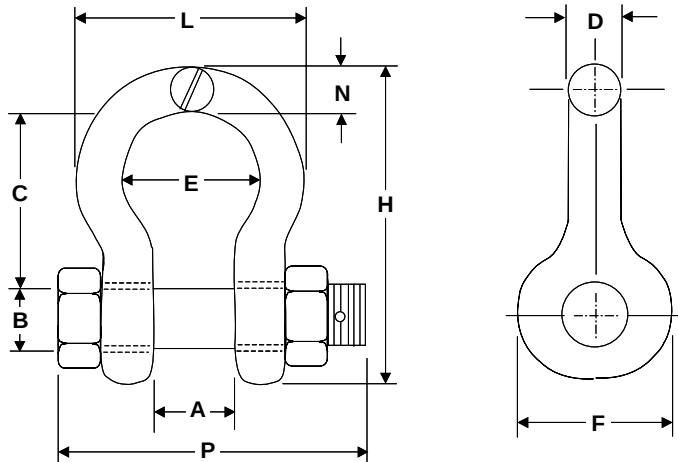
For Reference Use Only

Shackle Dimensions

Part Number	W.L.L. Tons	Size	A	B	C	D	E	F	H	L	N	P	Wt (lb)
10541	3.25	.63	1.06	.75	2.38	.63	1.69	1.56	4.22	2.94	.69	.63	1.58
10538	6.5	.88	1.44	1.00	3.31	.88	2.28	2.13	5.75	4.03	.97	5.00	3.95
10539	17	1.50	2.38	1.63	5.75	1.50	3.88	3.63	9.88	6.88	1.62	8.25	19.50
10540	25	1.75	2.88	2.00	7.00	1.75	5.00	4.32	11.88	8.50	2.12	9.59	31.30
23650-0030	30	1.50	2.38	1.63	5.75	1.50	3.88	3.63	9.88	6.88	1.62	8.25	20.80
23650-0040	40	1.75		2.00	7.00	1.75	5.00	4.32	11.88	8.50	2.12	9.59	33.91
23650-0050	55	2.00	3.25	2.25	7.75	2.00	5.75	5.00	13.38	9.75	2.00	11.00	51.75
23650-0110	110	3.00	5.00	3.25	13.00	3.00	7.88	6.50	21.50	14.50	3.63	16.50	178
23650-0175	175	4.00	5.50	4.25	14.50	4.00	10.00	9.00	25.69	18.38	4.56	19.75	338

Oversized Shackle Dimensions

Part Number	W.L.L. Tons	Size	A	B	C	D	E	F	H	L	N	P	Wt (lb)
501386-0100	40	1.75	2.88	2.00	10.00	2.25	6.00	4.32	15.35	10.50	2.25	9.00	45
501082-0100	40	2.25	2.88	2.00	12.50	2.25	8.00	4.32	17.85	12.50	2.25	10.00	90
501083-0100	50	2.00	3.25	2.25	12.25	2.50	8.00	5.00	18.50	13.00	2.50	11.00	72





XPTS



XPTS

Pallet Truck Scale

COMMERCIAL

Approvals:

- UL, FCC, ISO9001

Standard Features Indicator:

- 6-digit high contrast LCD, 25 mm (1 in) tall
- Selectable lb, kg
- Rechargeable battery operation (55 - 60 hours operating time)
- RS232 Interface
- AC adaptor/charger (included)

Standard Features Pallet Truck:

- Mild steel construction
- 4.5 in lifting height
- Two models available: 22 in or 27 in total width
- Single fork width: 7 in
- Lowered fork height: 3 in
- Raised fork height: 7.5 in

Ordering Information

Pallet Truck Scale

Order Number	Model	Capacity	Resolution	Fork Size	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207714	XPTS40-1002	4000 lb	2 lb	48"L x 22"W	375 lb	\$2,423
71207715	XPTS40-1004	4000 lb	2 lb	48"L x 27"W	375 lb	\$2,423

XCM

Crane Scale Compact Construction

COMMERCIAL



XCM

Approvals:

- NTEP, Class III, 5000d, COC # 03-074A1
- UL, FCC, ISO9001

Standard Features:

- 5 digits, bright red LED, 25 mm (1 in) high for Weight (lb)
- 1 digit, bright red LED, 20 mm (0.8 in) high for ID
- 9 LED status cursors
- Selectable lb, kg
- Selectable filter (disabled, low, medium or high)
- Functions: On/Off, Zero/Master, Total/Peak, Tare, Clear, Enter
- IP65 protection
- Silver painted, cast aluminum alloy construction
- Galvanized hook and shackle
- AC adaptor (included)
- Rechargeable battery (included) - 150 hours between charges
- 200% of capacity safety overload
- 500% of capacity ultimate overload

Accessories:

- Crane scale portability cart
- IR Remote Control

Ordering Information

XCM Crane Scale

Order Number	Model	Capacity	Resolution	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207717	XC01M-00	250 lb	0.1 lb	33 lb	\$1,579
71207718	XC02M-00	500 lb	0.2 lb	33 lb	\$1,579
71207719	XC03M-00	1000 lb	0.5 lb	33 lb	\$1,579
71207720	XC04M-00	2000 lb	1 lb	33 lb	\$1,579
71207721	XC05M-00	5000 lb	2 lb	33 lb	\$1,701

Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
71208268	Cart for XCM crane scale 250 - 5,000 lb	13 lb	\$366
71207859	IR Remote Control		\$107



XCL



XCL

Crane Scale

Heavy Duty Construction

COMMERCIAL

Approvals:

- NTEP, Class III, 5000d, COC # 03-074A1
- UL, FCC, ISO9001

Standard Features:

- 6 digits, bright red LED, 30 mm (1.2 in) high for Weight (lb)
- 1 digit, bright red LED, 20 mm (0.8 in) high for ID
- 10 LED status cursors
- Selectable lb, kg, tons
- Selectable filter (disabled, low, medium or high)
- Functions: On/Off, Zero/Master, Total/Peak, Recall/Hold, Tare, Clear, Enter
- IP65 protection
- Silver painted, aluminum alloy die cast construction
- Electroplated hook and shackle
- AC adaptor (included)
- Rechargeable battery (included) - 150 hours between charges
- 200% of capacity safety overload
- 500% of capacity ultimate overload
- IR Remote Control (included)
- RS232 interface (included)

Accessories:

- Crane scale portability cart

Ordering Information**XCL Crane Scale**

Order Number	Model	Capacity	Resolution	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207728	XC06L-00	10000 lb	5.0 lb	77 lb	\$3,249
71207729	XC07L-00	20000 lb	10.0 lb	176 lb	\$3,610
71207730	XC08L-00	50000 lb	20.0 lb	374 lb	\$6,093
71207731	XC09L-00	80000 lb	50.0 lb	528 lb	\$10,974

Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (CDN\$)
71207207	Cart for XCL crane scale 250 - 10,000 lb	13 lb	\$366
71207208	Cart for XCL crane scale 20,000 lb	19 lb	\$418
71207209	Cart for XCL crane scale 50,000 - 80,000 lb	40 lb	\$471

VFS220 Forklift Scale



Produced in a
facility that is



CUSTOM APPLIED

Approvals:

- NTEP Class III, 1000d, (performs to 5000d)

Standard Features:

- Scale attaches to standard ITA Class II Forklift carriage
- Scale Terminal, Rugged IP65, 1/4 VGA display, Touch Screen
- Microsoft Windows CE Backbone
- Wireless communication between Terminal and Scale
- Fully Calibrated at the factory before shipment

Accessories:

- USB port, WIFI, Batteries, Battery Chargers, Onboard Printers, Barcode scanners - Consult factory

Ordering Information

VFS220 Scale - Follow the 5 easy steps to build a complete scale solution

Order Number	Carriage Class	Capacity (lb)	Load Cell Size (lb)	Shipping Weight (lb)	Suggested List Price (CDN\$)
Step 1 - Order the scale carriage					
VFS220	II	5000	5000 x 2	425 lb	\$6,600

Step 2 - Add the terminal and terminal mounting kit to the order

MCPC0002000	MCPC Terminal - VFS220, 12 V	30 lb	\$2,420
VFSA0030	MCPC, Mounting KOP, MCFA Top Mount	10 lb	\$215

Step 3 - Choose only one wiring harness for your application

VFSA0100	Gas or Elec	VFS220, MCPC Wiring KOP, Cable Only	1 lb	\$176
VFSA0200	Gas / LP	VFS220, MCPC Wiring KOP, Cable with Relay	5 lb	\$286
VFSA0400	Electric	VFS220, MCPC Wiring, Cable with DC-DC Converter	5 lb	\$594

Step 4 - Choose a battery kit

VFSA0003	VFS220, 1 Battery & Charger Kit	10 lb	\$374
VFSA0004	VFS220, 2 Batteries & Charger Kit	15 lb	\$550

Step 5 - Add any required accessories

VFSA0001	VFS220, Additional Battery - Quantity (1)	2 lb	\$275
MCKT0001000	MCPC, External USB KOP	2 lb	\$176
MCKT0003000	MCPC, Service Harness KOP	2 lb	\$209