

**HAWK****HAWK SS**

Produced in a facility that is:



HAWK™

Weighing Terminal

COMMERCIAL**Approvals:**

- NTEP Class III/III L, 5000d, COC#99-054A2; Canadian Approval #AM-5318, Rev. 1

Environmental Protection:

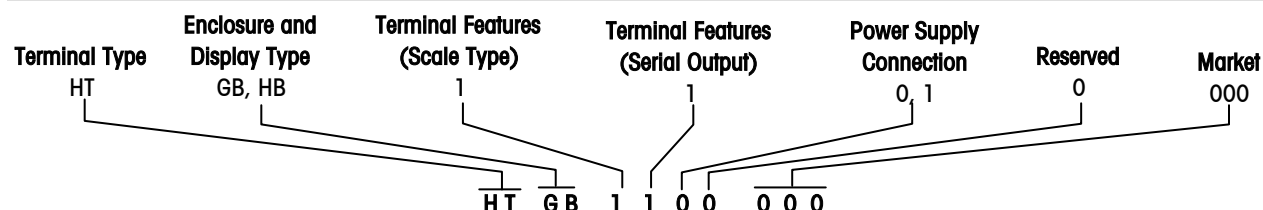
- 6-digit, 1 1/25 mm tall, high contrast, LCD (backlit)

Standard Features:

- 120 VAC: wall mount transformer, 10' cord (plastic *HAWK*); pre-wired power cord, 6' (stainless *HAWK*)
- Analog load cell interface
- RS-232-C serial output
- Battery operation: Plastic *HAWK* – six (6) 'D' size batteries; Stainless *HAWK* – six (6) 'C' size batteries

Accessories:

- Stainless steel wall mount bracket for plastic *HAWK*

HAWK Model Configuration**Ordering Information****HAWK Enclosure and Displays**

Order Number	Descriptions	Shipping Weight (lb)	Suggested List Price (US\$)
HTGB1100000	Plastic desk mount enclosure with backlight LCD display; wall mount transformer	4 lb	\$495
HTHB1110000	Stainless steel enclosure with backlight LCD display; pre-wired power cord; stainless steel wall mount bracket	6 lb	\$595

HAWK Terminal Features

1	Analog load cell scale interface (standard)	\$0
1	RS-232-C serial output (standard)	\$0

HAWK Destination and Market Codes

000	Market code for USA	\$0
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HAWK Accessories

TE000000	Stainless steel wall mount bracket for plastic HAWK	\$61
09000279000	15' Cable, plastic HAWK to PC (9 pin female connector)	\$55

IND425

Weighing Terminal



COMMERCIAL

Approvals:

- NTEP Class III, 10,000d, COC #05-010
- Canada pending

Standard Features:

- Up to four 350 Ohm analog load cells
- Die-cast aluminum housing
- IP65/Type 4 environmental protection
- Fast LCD display with back-light
- 1-bi-directional RS-232 interface
- Various second interface options

4 Series Model Configuration

Model	Protection	Capacity (kg)	Size	Application	Power Option	Software	Interface Option
Basic	IP65	00 (n/a)	R(emote)	M(anual)	0,1	00	00,01,02,03 04,05,06
I N D 4 2		5	0 0	R	M	0	0 2

Ordering Information

Remote

Order Number	Application	Resolution		Overall Dimensions (In)	Shipping Weight (lb)	Suggested List Price (US\$)
	Software	Internal	NTEP			
IND42500RM	Basic	300,000d	10,000d	10.9" x 7.9" x 2.8"	6 lb	\$610

Options (factory installed only)

Option	Description		
Power Option			
0	none		\$0
1	30 hour NiMH rechargeable battery pack	2 lb	\$205
Software Option			
00	none		\$0
Second Interface Option (choose one only)			
00	none		\$0
01	RS-232		\$150
02	Digital I/O		\$400
03	RS-485		\$400
04	USB (slave)		\$400
05	Ethernet (not IP65 environmentally protected)		\$400

Accessories

21255045	Terminal protective cover	\$15
22010045	Wall mount bracket (also fits floor scale columns)	\$95
22010056	Column mount bracket (for: 143895OTC, 144921OTC, 143894OTC)	\$95
21203903	W&M sealing kit (required kit for preparing IND425 for legal-for-trade)	\$41
143895OTC	12" Stainless steel column kit WB, WH, CB, CBU	\$110
144921OTC	19.5" Stainless steel column kit WB, WH, CB, CBU	\$145
143894OTC	40" Stainless steel column kit only for 24"x24" CB and CBU	\$245
21302921	RS-232 cable DB9 male/DB9 male 3ft for IND425 to 8863, 8867	\$72
11101051	RS-232 modem cable - DB9 male/DB9 female (straight through) 3ft for IND425 to computer	\$52



IND130

Smart Weight Transmitter

Commercial

Approvals:

- UL, cUL, CE 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 350 ohm load cells
- Features CalFREE™ for fast and easy calibration without test weights
- Traditional calibration methods are also 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 35mm 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 Smart Weight Transmitter (external power supply required)**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
IND13011	DIN Version, PROFIBUS DP Interface		\$875
IND13012	DIN Version, ALLEN-BRADLEY RIO Interface		\$875
IND13013	DIN Version, RS-232 Serial Interface		\$640
IND13021	Harsh Version, PROFIBUS DP Interface		\$1,085
IND13022	Harsh Version, ALLEN-BRADLEY RIO Interface		\$1,085
IND13023	Harsh Version, RS-232 Serial Interface		\$850

IND130 Smart Weight Transmitter

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
64053820	Power Supply, 85 - 264 VAC, 24 VDC at 1.0 amps		\$135
17030500A	Profibus DP Connector		\$50

ID1 PLUS-ANALOG

Weighing Terminal



ID1 PLUS-A

COMMERCIAL

Approvals:

- NTEP Class III; 10,000d; COC #00-074; Canadian approval #AM-5409

Environmental Protection:

- IP65 (equal to TYPE 4X)

Standard Features:

- Exceptional plus/minus display
- Stainless steel desk-mount enclosure

Interface Options:

- Combinations of optional interfaces allowed
 - 1 x 101 and 1 x 103, or
 - 1 x 102 and 1 x 103. You cannot have both a 101 and 102

Ordering Information

ID1 PLUS-A

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
ID1PLUS-A	Terminal with analog scale input, $\pm$, counting, totalizing, gross/net	9 lb	\$990
ID1 PLUS-A Optional Interfaces—CL 20mA (Maximum of two interfaces per ID1 Plus)			
505237	Interface 101—CL 20mA		\$295
503749	CL Cable, 10 ft (3 M), for attachment of CL units		\$95
503743	CL Extension cable for 503749, 10 ft (3 m)		\$100
503745	Connector plug, 7-Pin mating connector, 20 mA		\$50
ID1 PLUS-A Optional Interfaces—RS-232-C (Maximum of two interfaces per ID1 Plus)			
505238	Interface 102 - RS-232-C		\$225
503755	RS-232-C cable,		\$95
504374	RS-232-C cable,		\$95
504376	RS-232-C cable,		\$95
503756	Connector plug, 8-Pin mating connector, RS-232-C		\$50
ID1 PLUS-A Optional Interfaces—Digital I/O (Maximum of two interfaces per ID1 Plus)			
505239	Interface 103 - Digital Input/Output (3in / 2 out) - GD14 compatible		\$345
GD14	Relay interface		\$485
504458	Interconnect cable to GD014, 33 ft (10 m)		\$145
504461	Connector plug (19 pin)		\$50
ID1 PLUS-A Optional Interfaces—(Including weighing interfaces)			
CL249	RS-CL converter (no handshaking)		\$1,292
GD17	J-Box to connect a DigiTOL load cell to ID terminal		\$545
09-000001	Analog to IDNet j-box—for four load cells		\$965
229110	LC-IDNet; connection of R/G balances to ID terminals		\$468
ID1 PLUS-A Accessories			
505319	Rigid in-use covers to protect terminal during use (pack of 3)		\$60
504439	Stainless Steel Stand. Connects ID1PLUS-A to KA15s/KA32s/KB60.2/KBs.2		\$289
504131	Floor Stand, 44", black plastic coated (bolts to floor, bolts included)		\$265
504132	Floor Stand, 44", stainless steel (bolts to floor, bolts included)		\$513
503700	Floor Stand Base, black plastic coated (for 44" stand portability)		\$161
503701	Floor Stand Base, stainless steel (for 44" stand portability)		\$281
504129	Wall-Mounting Bracket, black plastic coated (mounting bolts included)		\$145
504130	Wall-Mounting Bracket, stainless steel (mounting bolts included)		\$230



ID1 PLUS



ID1 PLUS Application Terminal

APPLIED

Approvals:

- NTEP Class II; 32,000d; COC #00-074; Canadian approval #AM-5409

Environmental Protection:

- IP65 (equal to TYPE 4X)

Standard Features:

- Exceptional plus/minus display
- Stainless steel desk-mount enclosure

Interface Options:

- Combinations of optional interfaces allowed:
— 1 x 101 and 1 x 103, or, — 1 x 102 and 1 x 103. You cannot have both a 101 and 102.

Ordering Information

ID1 PLUS

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
ID1PLUS	Terminal with IDNet scale input, +/-, counting, totalizing, gross/net	9 lb	\$1,295
ID1 PLUS Optional Interfaces—CL 20 mA (maximum of two interfaces per ID1 PLUS)			
505237	Interface 101—CL 20mA		\$295
503749	CL Cable, 10 ft (3 m), for attachment of CL units		\$95
503743	CL Extension cable for 503749, 10 ft (3 m)		\$100
503745	Connector plug, 7-pin mating connector, 20 mA		\$50
ID1 PLUS Optional Interfaces—RS-232-C (maximum of two interfaces per ID1 PLUS)			
505238	Interface 102 - RS-232-C		\$225
503755	RS-232-C Cable, scale as DCE, DB25m, 10' (3 m)		\$95
504374	RS-232-C Cable, PC-XT, DB25f, 10' (3 m)		\$95
504376	RS-232-C Cable, PC-AT, DB9f, 10' (3 m)		\$95
503756	Connector plug, 8-pin mating connector, RS-232-C		\$50
ID1 PLUS Optional Interfaces—Digital I/O (maximum of two interfaces per ID1 PLUS)			
505239	Interface 103 - Digital I/O (3 in/2 out - GD14 compatible)		\$345
GD14	GD14 Relay Interface		\$485
504458	Interconnect cable for GD14, 33' (10m)		\$145
504461	Connector plug, 19 pin, digital I/O		\$50
ID1 PLUS Optional Interfaces (including weighing interfaces)			
CL249	RS-CL converter (no handshaking)		\$1,292
GD17	J-Box to connect a DigiTOL loadcell to ID terminal		\$545
09-000001	Analog to IDNet j-box—for four load cells		\$965
229110	LC-IDNet; connection of R/G balances to ID terminals		\$468
ID1 PLUS Accessories			
505319	Rigid in-use covers to protect terminal during use. (pack of 3)		\$60
504439	Stainless Steel Stand. Connects ID1PLUS to KA15s/KA32s/KB60.2/KBs.2		\$289
504131	Floor Stand, 44", black plastic coated (bolts to floor, bolts included)		\$265
504132	Floor Stand, 44", stainless steel (bolts to floor, bolts included)		\$513
503700	Floor Stand Base, black plastic coated (for 44" stand portability)		\$161
503701	Floor Stand Base, stainless steel (for 44" stand portability)		\$281
504129	Wall-Mounting Bracket, black plastic coated (mounting bolts included)		\$145
504130	Wall-Mounting Bracket, stainless steel (mounting bolts included)		\$230

PANTHER[®] Weighing Terminal



COMMERCIAL

Approvals for PANTHER PANEL

- NTEP Class III/III L, 10,000d, COC #96-125;
- Canadian 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
- RS-232-C serial output
- Zero, Function, Tare, Print, Clear, and Memory keys
- TRAX DSP[™] filtering

Accessories:

- Interface options

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

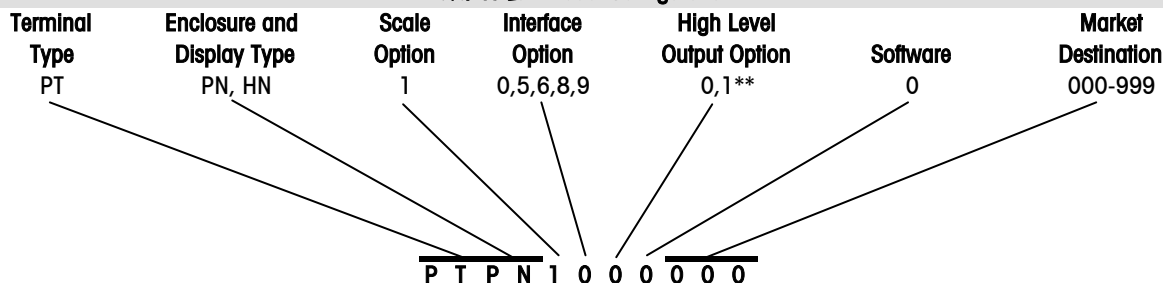
Standard Features:

- 100, 120, or 230 VAC
- RS-232-C serial output
- Zero, Function, Tare, Print, Clear, and Memory keys
- TRAX DSP[™] filtering

Accessories:

- Interface options
- External accessories
- PTPN Division 2 dust tight cabinet
- External accessories

PANTHER Model Configuration



Ordering Information

PANTHER Enclosure and Displays

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
PTPN	Panel-mount with numerical display	4.5	\$890
PTHN	Harsh environment with numerical display	5.5	\$825

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*	\$400
6	ALLEN-BRADLEY [™] RIO interface*	\$400
8	Analog output (0-10 V or 4-20 mA)*	\$400
9	PROFIBUS DP interface module*	\$400

*Cannot be used with a PANTHER powering more than four 350 ohm analog load cells.

PANTHER High Level Output Option

0	No output option	\$0
1**	High level output option (panel-mount only)	\$400

**Available for the panel-mount version ONLY and cannot be used when the analog output module or PLC interface is installed.

PANTHER Software

0	Software	\$0
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**PANTHER PLUS**

PANTHER[®] PLUS

Weighing Terminal

COMMERCIAL**Approvals:**

- NTEP Class III/III L, 10,000d, COC #96-125; Canadian approval #AM-5162, Class III, 10,000d; UL, cUL

Environmental Protection:

- TYPE 4X, IP65

Display:

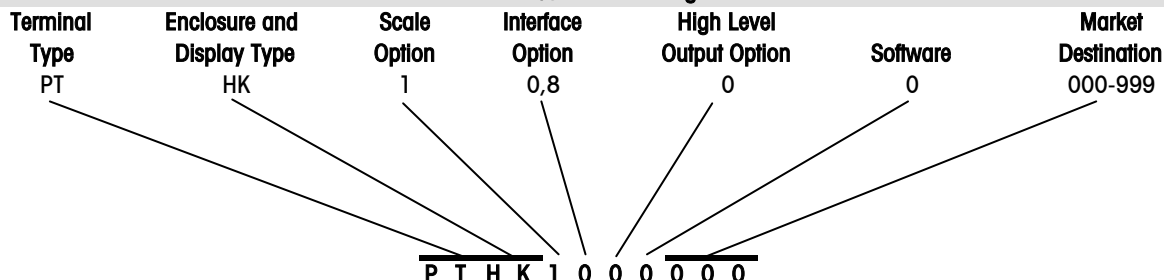
- 7-digit, 7-segment vacuum fluorescent display

Standard Features:

- Universal power supply for 100, 120, or 230 VAC
- RS-232-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 Enclosure and Displays**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
PTHK	Harsh environment with VF numerical display	5.5	\$835

PANTHER PLUS Scale Option

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)*		\$400

*Cannot be used with a **PANTHER PLUS** powering more than four 350 ohm analog load cells.

PANTHER PLUS High Level Output Option

0	No output option		\$0
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PANTHER PLUS Software

0	Software		\$0
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PANTHER PLUS Destination 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		\$400
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PANTHER® IP69k

Weighing Terminal



Produced in a facility that is



PANTHER PLUS IP69k

COMMERCIAL

Approval:

- NTEP Class III/III L, 10,000d, COC #96-125

Environmental Protection:

- IP69k, suitable for heavy washdown applications

Display:

- 7-digit, 7-segment vacuum fluorescent display

Standard Features:

- Universal power supply for 100, 120, or 230 VAC
- RS-232-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

Enclosure and displays

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
PANTHER IP69k			
PTHE1000000	IP69k severe washdown - 6 key version	6 lb	\$910
PANTHER PLUS IP69k			
PTHE1100000	IP69k severe washdown - 18 key version	6 lb	\$1,010
PTHE1110000	IP69k severe washdown - 18 key version with toggle switch	6 lb	\$1,100

PANTHER® Accessories**PANTHER Destination Market Codes**

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
000	Market code for USA		\$0
XXX	Codes for other markets contact customer support		\$0

PANTHER Accessories

09000311000	PROFIBUS DP pigtail harness (for large Siemens connector)		\$60
09000320000	MODBUS PLUS® pigtail harness		\$50
09170246000	Analog output option		\$400
09170247000	High-level output option (115 VAC) (panel-mount only)		\$400
09170251000	ALLEN-BRADLEY™ RIO interface		\$400
09170252000	PROFIBUS DP interface module—order 0917-0268 GSD files		\$400
09170253000	MODBUS PLUS® interface		\$400
09170256000	High-level output option without I/O blocks (panel-mount only)		\$400
09170263000	Software upgrade kit—analog (PCB# 14865200A or 14865400A)		\$40
09170268000	PROFIBUS™ GSD type files (one diskette or available free online)		\$15
09170276000	Software upgrade kit—analog (PCB# 15201300A or 15201500A)		\$40

PANTHER and PANTHER PLUS I/O Accessories

09610086000	TYPE 4X (IP65) fiberglass I/O enclosure with 15' cable for up to four modules □(order I		\$500
09620034000	QuenchArc, spike suppressors		\$15
09620035000	AC high-level output module, 24 to 280 VAC, 1A		\$25
09620036000	AC high-level input module, 90 to 140 VAC		\$25
09620037000	AC high-level input module, 180 to 280 VAC		\$25
09620038000	DC high-level output module, 5 to 60 VDC, 1A		\$25
09620039000	DC high-level input module, 10 to 32 VDC		\$25
09620044000	Dry reed contact output module, 10 VA maximum		\$30

IND429

Industrial Weighing Terminal

**APPLIED****Approvals:**

- USA: Class II 100,000d; Class III/IIIL 10,000d; CoC#05-010
- Canada: Class II 100,000d; Class III/III HD 10,000d (Pending)
- CSA, EHEDG, NSF approvals

Standard Features:

- IP69K desk mount harsh environment enclosure
- RS-232 serial interface
- Zero, Tare, Print, Clear, Units, Power keys

Options:

- Ethernet network interface
- Internal battery (charger included)

Ordering Information**IND429 Industrial Weighing Terminal**

Order Number	Enclosure	Scale Interface	Power Source	Serial Interface	Network Interface	Shipping Weight (lb)	Suggested List Price (US\$)
IND42900RM01005	IP69K Desk Mount Harsh Environment	Analog	AC	RS-232	Ethernet		\$950
IND42900RM11005			Internal Battery			\$1,250	
IND42900RM04000		IDNet	AC		None	\$965	
IND42900RM04005			Ethernet		\$1,215		
IND42900RM14000			None		\$1,265		
IND42900RM14005			Ethernet		\$1,515		

IND429 Accessories

22013963	IND429 Protective Cover - set of 3		\$90.48
21203903	W&M sealing kit		\$41.00
504376	3 m serial RS-232 cable (8 pin DIN - DB9F)		\$95.00
503756	8 pin DIN connector field kit		\$50.00
205247	5 m ethernet cable (16 pin DIN - RJ45 connectors)		\$150.00
208152	20 m ethernet cable (16 pin DIN - RJ45 connectors)		\$366.23
22013966	IND429 column mounting bracket		\$84.00
22014833	IND429 250mm wall mounting arm (includes 22013966)		\$100.00
22014834	1000mm floor stand (includes 22013966)		\$450.00

CB/CBU/WB/WH columns (requires 22013966 bracket and 64056496 adapter plate)

64056496	adapter plate for CB/CBU/WB/WH columns	\$25.00
1438950TC	12 inch round, SS column for CB/CBU/WB/WH scale bases	\$110.00
1449210TC	19 inch round, SS column for CB/CBU/WB/WH scale bases	\$145.00
1438940TC	40 inch round, SS column for CB/CBU/WB/WH scale bases	\$245.00

K-line columns

22014836	column for KA/KB scale (includes 22013966)	call
22014835	500mm column for K-line stand (includes 22013966)	\$375.00

PBA columns (includes 22013966 bracket)

22013964	330mm square SS column kit for PBA430	\$168.00
22013965	660mm square SS column kit for PBA430	\$231.00

IND429 Supplementary Documentation

22013826	Technical Manual (english)	\$7.50
22013821	Installation Manual (english)	\$7.50
22013801	Users Guide (english)	\$10.50
22013973	Quick Guide (multi-lingual)	\$7.50



IND560 Panel



IND560

Industrial Weighing Terminal

APPLIED

Approvals:

- NTEP Class III, 10,000d, Class II 100,000d COC #05-010
- Canada pending

Standard Features:

- IP65 Panel-mount or a IP69k Desk Harsh Environment model (optional pair of wall mounting brackets 71209353 available)
- One serial port
- Supports eight 350ohm load cells or an IDNet base
- Menu-driven Icon navigation setup
- Bright 43mm graphical VFD display with 21mm weight display (128 x 64 pixels)
- Setup through front panel using dedicated function and softkeys, navigation keys, and numeric keypad or offline setup with InSite™
- TraxDSP™ digital filtering and TraxEMT™ maintenance features
- Optional internal or external digital I/O using latched or unlatched outputs

IND560 Model Configuration

Model Number	Enclosure Type	Scale Type	Reserved	Ethernet/ Serial	Discrete I/O	PLC Interface	Application Software	Software Module	Power Cord/ Plug	Region/ Lang
56	P,H	1,4	000	0,A	0,B	0,A,B,P,R	0	0	0,A-H	00
		5 6 H	-	1 0 0 0 A B	-	A 0 0	-	A 0 0		

Ordering Information

Order Number	Enclosure Type	Scale Type	Ethernet	Serial	Power Cord / Plug	Shipping Weight (lb)	Suggested List Price (US\$)
56P10000	Panel	Analog	None	1-RS-232	None		\$910
56P1000A			TCP/IP	3-RS-232			\$1,110
56P40000		IDNet	None	1-RS-232			\$1,110
56P4000A			TCP/IP	3-RS-232			\$1,310
56H10000	Harsh Desk	Analog	None	1-RS-232	Specify		\$965
56H1000A			TCP/IP	3-RS-232			\$1,165
56H40000		IDNet	None	1-RS-232			\$1,165
56H4000A			TCP/IP	3-RS-232			\$1,365

Discrete I/O

0	none	\$0
B	Local discrete I/O (4 input, 6 output relays)	\$200

PLC Interface

0	no output option	\$0
A	Analog output (4-20 mA or 0-10 V)	\$500
B	ALLEN-BRADLEY™ RIO interface	\$500
P	PROFIBUS® DP interface for panel mount enclosures	\$500
R	PROFIBUS® DP interface for harsh desk enclosures	\$500

Application Software

0	Basic functionality	\$0
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Software Module

0	no module	\$0
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Power Cord/Plug

0	no power cord	\$0
A	120 VAC, North American	\$0

Region/Language

00	English	\$0
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IND560

IND560 Option Kits

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
71209095	Ethernet TCP/IP and two (2) RS-232 serial port kit		\$200
71209093	Local discrete I/O (4 input, 6 output relays)		\$200
71209096	PROFIBUS® DP interface for panel mount enclosures		\$500
71209097	PROFIBUS® DP interface for harsh desk enclosures		\$500
71209098	ALLEN-BRADLEY™ RIO Interface Kit		\$500
71209099	Analog Output Kit (4-20 mA or 0–10V)		\$500

IND560 Accessories

64053820	24VDC Supply for ARM100		\$135
71209352	ARM100 Remote I/O Relay Module (4 input, 6 output relays)		\$320
71209353	Pair of Wall Mounting brackets, Harsh Environment model		\$30
88-470005	Stainless steel mounting bracket for Masstron columns		\$111
64056496	Stainless steel cylindrical sleeve for WB/WH/CB/CBU columns (also order 88-470005)		\$25
71209388	W&M Sealing KOP (3 screws, wire seal, switch cover plate, 5 security seals)		\$20
72183757	Terminal Connector Kit (one of each connector plugs included)		\$56
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)		\$125
72185046	IDNet Power Supply Adaptor KOP (for non-T-Brick weigh cells prior to 2003)		\$351.50
71209375	Rear cover plate assembly (rear plate, fuse, labels, hole plugs)		\$10

IND560 Documentation

71209394	Technical Manual (english)		\$19.50
71209395	Installation Manual (multi-lingual)		\$19.50
71209396	Users Guide (english)		\$7.50
71209397	Documentation CD		\$4.00
72184339	PLC Technical Manual (english)		\$10.50



LYNX HARSH

LYNX PANEL-MOUNT

LYNX FILL

APPLIED

Approvals:

- NTEP Class III, IIIL, 10,000d COC #95-085; Canadian approval #AM-5088, 20,000d; UL, cUL

Environmental Protection

- Panel Mount—TYPE 4, IP65 (when installed in suitable panel or enclosure)
- Harsh and Fill—TYPE 4X, IP65

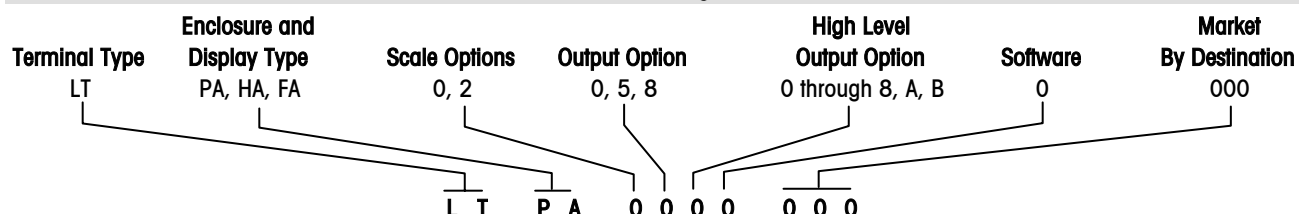
Standard Features:

- 120 VAC or 220 VAC
- Three serial ports
- Zero, Function, Tare, Print, Clear, and Memory keys
- Supports eight 350ohm load cells or a DigiTOL j-box
- 3 discrete inputs, 5 discrete outputs
- One or two-speed setpoints with preact
- All *LYNX* models have embedded single material fill logic
- TRAX DSP™ filtering

Accessories:

- ISB05 or ISB15 intrinsic safe barrier
- BCD output kit (panel unit only)
- Analog output kit
- High-level discrete output kits
- 5 volt excitation option for interfacing with HAP module
- TYPE 4 (IP65) fiberglass I/O enclosure with various output modules
- Panel stiffener for use with panel-mount model
- Software upgrade kit

LYNX Model Configuration



Ordering Information

LYNX Enclosure and Displays

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
LTPA	Panel-mount with A/N display	12 lb	\$1,025
LTHA	Harsh environment with A/N display	12 lb	\$1,045
LTFA	Harsh environment with filling control push-buttons ¹	21 lb	\$1,350

¹ Must be specified with high level output option 6, A, or B; same physical size as *LYNXBATCH* harsh environment model.
(Start, Manual Fill, Stop push-buttons)

LYNX Scale Options

0	Standard analog and standard DigiTOL capabilities	\$0
2	Hazardous area, 5 volt excitation (old HAP or ISB05)*	\$110

* The new model ISB15 (15 Volt) works with the standard 15 Volt LYNX or JAGXTREME. The model ISB05 (5 Volt) works for PANTHER or 5 Volt LYNX or JAGXTREME.

Instrumentation

LYNX®

LYNX Interface Slot Options

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
0	No option in the slot		\$0
5	Binary coded decimal option (LTPA model only)		\$450
8	Analog output option		\$450

LYNX High Level Output Options (Must be "0" for LTHA models)

0	No high level output option installed		\$0
1	One 24-280 VAC high level output module installed		\$270
2	Two 24-280 VAC high level output modules installed		\$290
3	Three 24-280 VAC high level output modules installed		\$310
4	Four 24-280 VAC high level output modules installed		\$330
5	Five 24-280 VAC high level output modules installed		\$350
6	High-level output option—no modules installed ²		\$250
7	Five 5-60VDC high level output modules installed		\$350
8	Five dry contact (max. 10VA) output modules installed		\$375
A	Two input and three output modules installed (90 to 140VAC) ²		\$350
B	Two input and three output modules installed (180 to 280VAC) ²		\$350

² When using a LYNX for filling control; choose option A, B, or 6 only. If option 6 is purchased add I/O module (2 in & 3 out).

LYNX Software

0	LYNX terminal with standard software		\$0
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LYNX Market Destination Codes

000	Market code for USA		\$0
019	Market code for Canada (English)		\$0
020	Market code for Canada (French)		\$0
XXX	Contact customer support for other codes		\$0

LYNX Accessories

09170227000	BCD output kit (panel unit only)		\$450
09170225000	Analog output kit		\$450
09170229000	High-level discrete output kit with one module 24-280 VAC normally open (panel unit only)		\$270
09170237000	High-level discrete output kit with three modules 24-280 VAC normally open (panel unit only)		\$310
09170238000	High-level discrete output kit with five modules 24-280 VAC normally open (panel unit only)		\$350
09610086000	TYPE 4X (IP65) fiberglass I/O enclosure w/15' cable for up to five modules (order I/O modules separately)		\$500
09620035000	AC high level output module, 24–280 VAC, 1A		\$25
09620038000	DC high level output module, 5-60 VDC, 1A		\$25
09620044000	Dry reed contact output module, 10 VA Maximum		\$30
09620036000	AC high level input module, 90–140 VAC		\$25
09620037000	AC high level input module, 180–280 VAC		\$25
09620039000	DC high level input module, 10–32 VDC		\$25
09170241000	Panel stiffener for use with panel mount model		\$35
09170266000	Software upgrade kit (rev. D or higher software—requires online download of software)		\$40



Produced in a facility that is

**JAGXTREME®****Weighing Terminal****APPLIED****Approvals:**

- NTEP CoC #94-096, Class II, 100,000d, Class III/IIIL, 10,000d; Canadian approval #AM-5041, Class II, 100,000d, Class IIHD, 25,000d, Class III 10,000d; UL, cUL; European approval TC2618 (NMI) Class III 10,000d, Class IIII 1,000d

Environmental Protection:

- Panel-Mount Enclosure—(PA)—TYPE 4, IP65 (when installed in suitable panel or enclosure)
- Panel-Mount Enclosure—Blind Chassis (PB)—TYPE 1
- General Purpose Enclosure (GA)—TYPE 4, IP65
- Harsh Environment Enclosure (HA)—TYPE 4X, IP65

Hazardous Approval:

- JXPA, JXPB and JXHA have approval (JXGA DOES NOT)
- Factory Mutual approved for Class I, II & III, Division 2, Groups A, B, C, D, F, & G (Group "E" excluded), When installed per METTLER TOLEDO documentation. The JXPA, & JXPB must be installed in a suitable dust tight enclosure.
- Does not carry CSA approval

Two Displays:

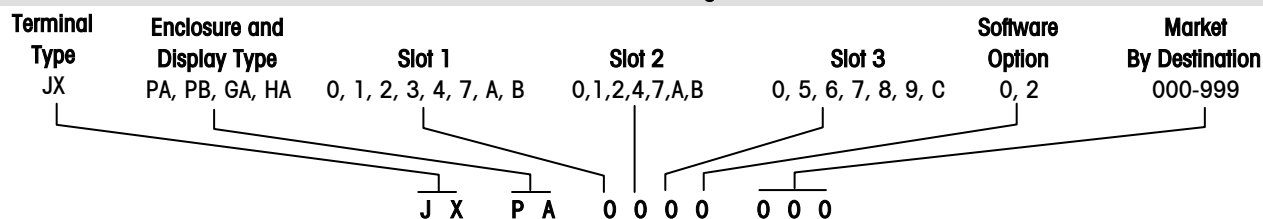
- 7-digit, 7-segment, 0.5 in./13 mm high vacuum fluorescent display—upper
- 16-character, 5 x 7 dot matrix, 0.25"/6 mm high vacuum fluorescent display—lower

Standard Features:

- 10 Base-T ethernet port
- TCP/IP suite of services
- Embedded web server and FTP server
- JAGBASIC scripting language
- Equipment condition monitoring
- Auto-sensing power supply
- Two serial ports
- Zero, Function, Tare, Print, Clear, and Memory keys
- TRAX DSP™ filtering
- TRAX EMT™ embedded maintenance technician

Accessories:

- Installation Accessories
 - Wall/Column mount brackets
- Option Slot Accessories
 - 15 Volt analog load cell interface
 - 5 Volt analog load cell scale interface (Factory Mutual division 2 approval)
 - POWERCELL® scale interface
 - IDNET balance interface
 - PLC Interfaces
 - Additional I/O
- Optional Vehicle Scale Software

JAGXTREME Model Configuration

Instrumentation



Ordering Information

JAGXTREME Enclosure and Displays

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
JXPA	Panel-mount with A/N display, qualified Div 2	11.0 lb	\$1,995
JXPB	Panel-mount without display (blind), qualified Div 2	10.0 lb	\$1,825
JXGA	General purpose with A/N display	14.0 lb	\$2,076
JXHA	Harsh environment with A/N display	19.0 lb	\$2,443

JAGXTREME Slot 1, 2, 3 Alternatives

0	No option in the slot (blanking plate on JXP(-) models)	\$0
1	15 volt, analog load cell single scale interface board (one scale)	\$395
A	15 volt, analog load cell double scale interface board (two scales)	\$700
2*	5 Volt, analog single scale interface	\$525
B*	5 Volt, analog double scale interface	\$1,050
3	POWERCELL scale interface (slot 1 only, maximum 1 per indicator)+	\$525
4	IDNET interface module (slot 1 or 2 only, recommend 13864800A harness)	\$525
5	MODBUS® PLUS interface (slot 3 only, maximum 1 per indicator) #	\$525
6	ALLEN-BRADLEY™ RIO interface (slot 3 only, maximum 1 per indicator) #	\$525
C**	ControlNet/Ethernet/IP Interface (slot 3 only, maximum 1 per indicator) #	\$675
7	Multifunction interface module (maximum 1 per indicator)	\$525
8	Dual analog output module (slot 3 only, maximum 1 per indicator) #	\$525
9	PROFIBUS DP interface module (slot 3 only, maximum 1 per indicator)#	\$525

* Only 5 volt analog scale cards 2 & B have Factory Mutual Division 2 approval (non-incendive rating). The new ISB15 is for use with 15 volt excitation analog scale cards 1 & A. Analog scale cards 2 & B can be used with old HAP & ISB05.

** Order 09170419000 ControlNet Adapter for JXGA models.

Only one of these options per JAGXTREME terminal. Ex: Cannot have ALLEN-BRADLEY™ and dual analog output in same instrument.

+ Need Auxiliary Power Supply (TA100590) when used with more than 14 POWERCELL units

NOTES: One DigiTOL bench/portable/floor scale is supported standard on Controller Board. Use the Multifunction Interface Module for a second DigiTOL scale. The POWERCELL interface will support from 1 to 4 platforms.

Up to four scales of certain types per JAGXTREME instrument. Scale combinations include:

4 Analog	4 POWERCELL
2 IDNET	2 DigiTOL
1 single Analog and one single IDNET	1 single Analog and one single DigiTOL
1 single Analog and up to 3 POWERCELL	2 Analog and 2 POWERCELL
1 IDNET and 1 DigiTOL	

JAGXTREME Software Options

0	JAGBASIC standard software	\$0
2	JAGMAX vehicle scale software	\$410
90551300A	V SX – vehicle scale software (in/out)	\$400
90551400A	RL – vehicle scale roll-on/roll-off software	\$250
90551500A	AX – vehicle scale axle software	\$250

JAGXTREME Destination Market Codes

000	Market code for USA	\$0
XXX	Codes for other markets contact customer support	\$0

JAG XTREME Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
09170209000	Wall/column-mount bracket—JXGA models	4 lb	\$107
09170233000	Column-mount bracket—JXHA, JXHG models	4 lb	\$119
09170333000	Panel mount IEC power cord adaptor - JXPA, JSPB models	4 lb	\$125
13864800A	IDNET adapter harness	9 lb	\$121
TWTTAGS	Stainless steel engraved tags	1 lb	\$35
09000320000	MODBUS® PLUS pigtail harness—JXGA model	1 lb	\$50
09000311000	PROFIBUS pigtail harness—JXGA model	1 lb	\$60
09170371000	Fan kit for JXPA, JXPB, JXHA models		\$101
TA100590	Auxiliary power supply for all Hazardous POWERCELL applications or when an installation has more than 14 POWERCELLS	5 lb	\$350
09170340000	88 key QWERTY keyboard	5 lb	\$240

JAGXTREME I/O Accessories

09610086000	TYPE 4X (IP65) fiberglass I/O enclosure w/ 15' cable for up to five modules (order I/O modules separately)	8 lb	\$450
09620035000	AC high-level output module, 24 to 280 VAC, 1A		\$25
09620038000	DC high-level output module, 5 to 60 VDC, 1A		\$25
09620044000	Dry reed contact output module, 10 VA maximum		\$30
09620036000	AC high-level input module, 90 to 140 VAC		\$25
09620037000	AC high-level input module, 180 to 280 VAC		\$25
09620039000	DC high-level input module, 10 to 32 VDC		\$25
09620034000	QuenchArc, spike suppressors		\$15

JAGXTREME Option Slot Accessories

09170210000	Blanking plate for open slot—JXP— models		\$20
09170241000	Panel stiffener for use with panel-mount model	2 lb	\$35
09170211000	15 Volt analog load cell single scale interface board (one scale)		\$395
09170257000	15 Volt analog load cell double scale interface board (two scales)		\$700
09170212000	HAP analog load cell scale interface		\$525
09170258000	Dual HAP analog load cell scale I/F		\$1,050
09170224000	POWERCELL scale interface (slot 1 only, maximum 1 per indicator)		\$525
09170244000	IDNET interface module (slot 1 or 2 only, recommend 13864800A)		\$525
09170254000	MODBUS® PLUS interface (slot 3 only, maximum 1 per indicator)		\$525
09170213000	ALLEN-BRADLEY™ RIO interface (slot 3 only, maximum 1 per indicator)		\$525
** 09170315000	ControlNet/EthernetIP Interface (slot 3 only, maximum 1 per indicator)		\$675
09170223000	Multifunction interface module (maximum 1 per indicator)		\$525
09170242000	Dual analog output module (slot 3 only, maximum 1 per indicator)		\$525
09170243000	PROFIBUS DP interface module (slot 3 only, maximum 1 per indicator)		\$525

JAGXTREME Display for Converting Blind Chassis

09170214000	Vacuum fluorescent weight and A/N prompting	1.2 lb	\$300
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JAGXTREME Documentation (one set of documentation on CD ROM enclosed with every order)

* 15896200A	Technical manual		\$19.50
* 15888800A	Installation guide		\$7.50
* 16384600A	JAGBASIC manual		\$19.50
* 15894100A	User's guide		\$7.50
* 14884200A	PLC manual		\$16.50
* 16760300A	CIP (ControlNet/Ethernet P) manual		\$10.50
* 157043R	Control drawing		\$0.00
* 16088600A	Division 2 considerations		\$19.50

* may have alpha ** Add 09170419000 ControlNet Adapter for JXGA models \$215

Note: JAGXTREME units are shipped with a CD ROM containing above documentation (electronic). Only installation guide is shipped as a hard copy. All other hard copy manuals should be ordered separately.

JAGXTREME® JXHG

Harsh Environment with Embedded Graphical Operator Interface

Produced in a facility that is



JAGXTREME JXHG

APPLIED

Approvals:

- NTEP CoC #94-096, Class II, 100,000d, Class III/IIIL, 10,000d; Canadian approval #AM-5041, Class II, 100,000d, Class IIIHD, 25,000d, Class III 10,000d; UL, cUL; European approval TC2618 (NMI) Class III 10,000d, Class IIII 1,000d

Environmental Protection:

- Harsh Environment Enclosure (HG)—TYPE 4X, IP65

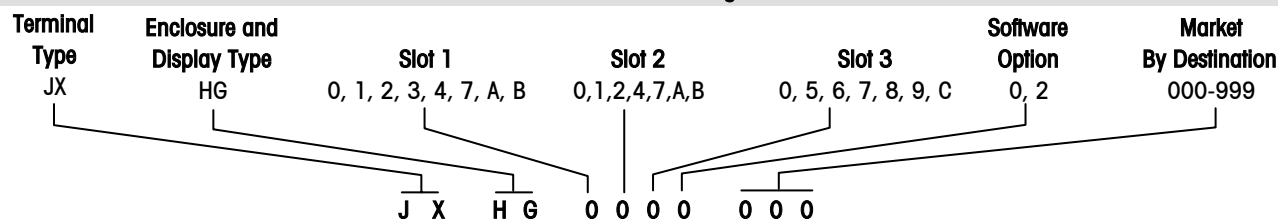
Standard Features:

- 10 Base-T ethernet port
- TCP/IP suite of services
- Embedded web server and FTP server
- JAGBASIC scripting language
- equipment condition monitoring
- Auto-sensing power supply
- Two serial ports
- Zero, Function, Tare, Print, Clear, and Memory keys
- TRAX DSP™ filtering
- TRAX EMT™ embedded maintenance technician
- Multiple scale operation - communication with up to 24 scales (4 internal, 20 external in 5 JAGXTREMES)
- "Metrology" button - pre-programmed NTEP approved screen
- Quarter VGA flat panel display
 - Color - STN 256 colors
 - Pixels - 240 x 320
 - Dot Pitch - 0.36 mm
 - Contrast - Software controlled, temperature compensated
 - Lighting - Replaceable cold cathode fluorescent, brightness is software controllable
- XTREMEBUILDER object oriented configuration tools
 - Windows application development software tools
 - Over 50 software objects supplied in standardized libraries
 - Libraries can be modified to enhance functionality
 - Supports bitmaps
 - Customized graphics can be created

Accessories

- Option Slot Accessories
 - 15 Volt analog load cell interface
 - 5 Volt analog load cell scale interface (Factory Mutual division 2 approval)
 - POWERCELL® scale interface
 - IDNET balance interface
 - PLC Interfaces
 - Additional I/O
- Optional Vehicle Scale Software

JAGXTREME Model Configuration



Ordering Information

JAGXTREME JXHG Enclosure and Displays

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
JXHG0000000	Harsh environment with A/N display	20 lb	\$3,361
JAGXTREME JXHG Slot 1, 2, 3 Alternatives			
0	No option in the slot (blanking plate on JXP(-) models)		\$0
1	15 volt, analog load cell single scale interface board (one scale)		\$395
A	15 volt, analog load cell double scale interface board (two scales)		\$700
2*	5 Volt, analog single scale interface		\$525
B*	5 Volt, analog double scale interface		\$1,050
3	POWERCELL scale interface (slot 1 only, maximum 1 per indicator)+		\$525
4	IDNET interface module (slot 1 or 2 only, recommend 13864800A harness)		\$525
5	MODBUS® PLUS interface (slot 3 only, maximum 1 per indicator) #		\$525
6	ALLEN-BRADLEY™ RIO interface (slot 3 only, maximum 1 per indicator) #		\$525
C	ControlNet/Ethernet/IP Interface (slot 3 only, maximum 1 per indicator) #		\$675
7	Multifunction interface module (maximum 1 per indicator)		\$525
8	Dual analog output module (slot 3 only, maximum 1 per indicator) #		\$525
9	PROFIBUS DP interface module (slot 3 only, maximum 1 per indicator)#		\$525

*Only 5 volt analog scale cards 2 & B have factory Mutual Division 2 approval (non-incendive rating). The new ISB15 is for use with 15 volt excitation analog scale cards 1 & A. Analog scale cards 2 & B can be used with old HAP & ISB05.

#Only one of these options per JAGXTREME terminal (Example: Cannot have ALLEN-BRADLEY™ and dual analog output in same instrument)

+Need Auxiliary Power Supply (TA100590) when used with more than 14 POWERCELL units.

NOTES: One DigiTOL bench/portable/floor scale is supported standard on Controller Board. Use the Multifunction Interface Module for a second DigiTOL scale. The POWERCELL interface will support from 1 to 4 platforms.

Up to four scales of certain types per JAGXTREME instrument. Scale combinations include:

4 Analog	4 POWERCELL
2 IDNET	2 DigiTOL
1 single Analog and one single IDNET	1 single Analog and one single DigiTOL
1 single Analog and up to 3 POWERCELL	2 Analog and 2 POWERCELL
1 IDNET and 1 DigiTOL	

JAGXTREME JXHG Software Options

0	JAGBASIC standard software	\$0
2	JAGMAX vehicle scale software	\$410
90551300A	VSX – vehicle scale software (in/out)	\$200
90551400A	RL – vehicle scale roll-on/roll-off software	\$250
90551500A	AX – vehicle scale axle software	\$250

JAGXTREME JXHG Destination Market Codes

0	Market code for USA	\$0
X	Codes for other markets contact customer support	\$0

JAGXTREME® JXHG

JAG XTREME JXHG Accessories

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
09170233000	Column-mount bracket—JXHA, JXHG models	5 lb	\$119
09170360000	JXOI Developer's kit		\$150
13864800A	IDNET adapter harness		\$121
TWTTAGS	Stainless steel engraved tags		\$35
09170371000	Fan kit for JXPA, JXPB, JXHA models		\$97
TA100590	Auxiliary power supply (see note below)	5 lb	\$350

JAGXTREME I/O Accessories

09610086000	TYPE 4X (IP65) fiberglass I/O enclosure w/ 15' cable for up to five modules (order I/O modules separately)	8 lb	\$500
09620035000	AC high-level output module, 24 to 280 VAC, 1A		\$25
09620038000	DC high-level output module, 5 to 60 VDC, 1A		\$25
09620044000	Dry reed contact output module, 10 VA maximum		\$30
09620036000	AC high-level input module, 90 to 140 VAC		\$25
09620037000	AC high-level input module, 180 to 280 VAC		\$25
09620039000	DC high-level input module, 10 to 32 VDC		\$25
09620034000	QuenchArc, spike suppressors		\$15

JAGXTREME Option Slot Accessories

09170241000	Panel stiffener for use with panel-mount model	2 lb	\$35
09170211000	15 Volt analog load cell single scale interface board (one scale)		\$395
09170257000	15 Volt analog load cell double scale interface board (two scales)		\$700
09170212000	HAP analog load cell scale interface		\$525
09170258000	Dual HAP analog load cell scale I/F		\$1,050
09170224000	POWERCELL scale interface (slot 1 only, maximum 1 per indicator)+		\$525
09170244000	IDNET interface module (slot 1 or 2 only, recommend 13864800A harness)		\$525
09170254000	MODBUS® PLUS interface (slot 3 only, maximum 1 per indicator)#		\$525
09170213000	ALLEN-BRADLEY™ RIO interface (slot 3 only, maximum 1 per indicator)#		\$525
09170315000	ControlNet/Ethernet/IP Interface (slot 3 only, maximum 1 per indicator)#		\$675
09170223000	Multifunction interface module (maximum 1 per indicator)		\$525
09170242000	Dual analog output module (slot 3 only, maximum 1 per indicator)#		\$525
09170243000	PROFIBUS DP interface module (slot 3 only, maximum 1 per indicator)#		\$525
09170214000	Vacuum fluorescent weight and A/N prompting	2 lb	\$300

Note: JAGXTREME units will require an auxiliary power supply (TA100590) for all hazardous POWERCELL applications or any installation with more than 14 POWERCELL units.



ID7 2000®
Application Terminal

APPLIED

Approvals: NTEP, OIML, ISO9001, CE, CSA, UL, ISO14001

Environmental Protection: IP68/Type 4X/6P

Standard Features:

- BIG weight display
- Stainless steel enclosure (304)
- Desk or wall/panel-mount
- Programmable function keys

Standard Interfaces:

- IDNet scale interface (scale port 1)
- RS-232 interface (data port 1)
- MFII keyboard interface
- Analog scale interface*

[illegible]

Ordering Information

ID7²⁰⁰⁰ Enclosure and Displays (An application pac must be selected as part of the order number)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
ID7D	Desk-mount with dot-matrix display	11 lb	\$2,183
ID7W	Wall/Panel-mount with dot-matrix display	11 lb	\$2,183

ID7²⁰⁰⁰ Additional Data Port Alternatives (factory installed)

0	No data port option	\$0
1	RS-232 interface	\$205
2	CL20mA interface	\$205
3	RS-422/RS-485 Interface, opto-isolated (also for 8 in/out relay box)	\$205
4	4 Input/output interface (order relay box for 4 I/O separate)	\$195
5	Analog output (0 - 10V, 0 - 20mA or 4 - 20mA)	\$345
6	Ethernet	\$495
7	Profibus DP	\$525

ID7²⁰⁰⁰ Scale Port 2 Alternatives (factory installed)

0	No option in scale port 2	\$0
1	Analog load cell interface (max 2 per ID72000)	\$295
2	IDNet scale interface	\$275
3	Two IDNet scale interfaces (the analog interface will be replaced)	\$550

ID7²⁰⁰⁰ Application Pac Alternatives (factory installed)

1	BasePac ²⁰⁰⁰	999 Tare memories, Delta Trac for filling and checkweighing	\$120
2	CountPac ²⁰⁰⁰	Auto filling mode, 999 APW memories, APW enhancement	\$295
3	FormPac ²⁰⁰⁰	Manual recipes weighing, 100 recipes/15 components each	\$345
4	DataPac ²⁰⁰⁰	For host communication. Each key on the ID7 can be programmed	\$395
5	SumPac ²⁰⁰⁰	For multi level accumulation, 999 item memories	\$295
6	DosPac ²⁰⁰⁰	Single component dosing, learn mode, 999 target memories	\$545
7	ControlPac ²⁰⁰⁰	Checkweighing and classification for conveyor systems	\$595
8	DosRPac ²⁰⁰⁰	Automatic multi component dosing, 50 recipes/32 components each	\$645
9	FormXP	Recipe weighing includes computer software	\$950

*The analog load cell interface can be used with the new ISB15 and ISB15X barrier.

Instrumentation

ID7²⁰⁰⁰®

ID7²⁰⁰⁰ Optional Scale Ports (NOT factory installed)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
22001083	Analog load cell interface (max 2 per ID72000)		\$295
22001082	IDNet-scale interface		\$275
09-000001	Analog to IDNet j-box for four load cells		\$965
GD17	J-box to connect a DigiTOL load cell or base to ID terminal - 507073		\$545

ID7²⁰⁰⁰ Optional Data Ports (NOT factory installed)

22001085	RS-232 interface (8 pin female)		\$205
503755	RS-232 cable, DB25 male, 10 ft (3 m) (use with 8807 and 8857 printers)		\$95
504374	RS-232 cable, for XT computer, DB25 female, 10 ft (3 m)		\$95
504376	RS-232 cable, for AT computer, DB9 female, 10 ft (3 m)		\$95
503756	Connector plug, 8 pin mating connector		\$50
22001086	8 Input / 8 Output RS422/485 opto-isolated interface (6 pin female)		\$386
204933	RS422/485 cable, 10 ft (3 m), 6 pin, open end		\$95
204866	Connector plug, 6 pin mating connector		\$50
CL249	CL to RS232 / RS232 to CL converter		\$1,292
22001084	CL20mA interface (7 pin female)		\$205
503749	CL cable, 10 ft (3 m) for attachment of CL units		\$95
503743	CL extension cable for 503749, 10 ft (3 m)		\$100
503745	Connector plug, 7 pin mating connector		\$50
22003694	Ethernet – 100 Base T–twisted pair		\$495
205247	Twisted pair cable 15 ft (5 m), 8 pin RJ45		\$150
208152	Twisted pair cable 60 ft (20 m), 8 pin RJ45		\$366
22004940	Profibus-DP module with strain relief		\$525
22001087	4 Input / 4 Output interface (19 pin female)		\$195
22001088	4 I/O relay module with terminal strip		\$395
504458	Cable for 4 I/O to relay module - 33 ft (10 m) 19 pin, open end		\$145
504461	Connector plug, 19 pin mating connector		\$50
22001086	8 Input / 8 Output RS422/485 opto-isolated interface (6 pin female)		\$205
22001089	8 I/O relay module with terminal strip		\$595
204933	RS422/485 cable, 10 ft (3m), 6 pin, open end		\$95
22003712	24 VDC power supply unit for 8 I/O (120 VAC)		\$275
505544	24 VDC power supply unit for 8 I/O (220 VAC)		\$275
22001090	Analog output - 0-10V, 0-20mA, or 4-20mA (5 pin female)		\$345
204930	Cable for analog output, 10 ft (3 m), 5 pin, open end		\$95
205538	Connector, Counter plug, 5 pin, for D/A ID7		\$50
IDNETPACM	IDNetPac-M -- Adapter to connect PM/SM models to ID1+, ID7, and JAGXTREME		\$205
229225	IDNet-B -- Adapter to connect SB models to ID1+, ID7, and JAGXTREME		\$567
LC-B	LC-B --Local can replacement interface for SB models only		\$399

ID7²⁰⁰⁰ Preprogrammed Applications (NOT factory installed)

Order Number	Description	Shipping Weight (lb)	Suggested List Price (US\$)
22004092	CountPac ²⁰⁰⁰ Auto filling mode, 999 APW memories, APW enhancement		\$295
22004093	FormPac ²⁰⁰⁰ Manual recipes weighing, 100 recipes/15 components each		\$345
22005899	FormXP Formulation recipes, 150 recipes/100 components each		\$950
22004094	DataPac ²⁰⁰⁰ For host communication. Each key on the ID7 can be programmed		\$395
22004095	SumPac ²⁰⁰⁰ For multi level accumulation, 999 item memories		\$295
22004096	DosPac ²⁰⁰⁰ Single component dosing, learn mode, 999 target memories		\$545
22004097	DosRPac ²⁰⁰⁰ Auto multicomponent dosing, 50 recipes/32 components each		\$645
22004098	ControlPac ²⁰⁰⁰ Checkweighing and classification for conveyor systems		\$595

ID7²⁰⁰⁰ Accessories

22001091	In-use cover for ID7 desk or wall mount (set of 3 pieces)		\$60
505490	Keyboard MFII for ID7, stainless steel, TYPE 4X/TYPER 6		\$1,117
208047	ID7 desk to keyboard MFII adapter plate		\$105
229110	LC-IDNet Pac for connecting high precision balances		\$468
22006795	SICS ID7 cable - to connect a Viper or PB-S, PG-S) balance through RS-232		\$145
22003029	PE reference scale cable and adapter		\$245
11100071	AX local can interface		\$151

ID7²⁰⁰⁰ Printer

505471	GA46 Thermal printer for ID7, RS-232, cable 8 ft (2.5 m)		\$1,495
507229	GA46 Thermal printer for ID7, RS-232, cable 16 in. (0.4 m)		\$1,495
505799	GA46 Thermal printer for ID7, RS-232, cable 8 ft (2.5 m), TYPE 4/IP65 (with re-winder)		\$2,050
507230	GA46 Thermal printer for ID7, RS-232, cable 16 in. (0.4 m), TYPE 4/IP65 (with re-winder)		\$2,050
503702	GA46 Paper—thermal, 24 rolls/box		\$185
504144	GA46 Label stock continues # roll, 24 rolls/box		\$265

ID7²⁰⁰⁰ Printer Accessories

208264	Adapter plate for mounting GA46 to ID7 Desk		\$97
504130	Wall-mounting bracket. Mounts ID7/5/1+ to wall. Comes complete with bolts. Stainless steel. Also use this bracket to mount a stand-alone GA46 to the wall. Top bracket of this kit is not used when mounting GA46 with wall kit.		\$230
507224	Protective cover for GA46 when not in-use		\$90

ID7²⁰⁰⁰ Software

22000177	ID/PC expert: label formatting software		\$195
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ID7²⁰⁰⁰ Brackets

58-420109	ID7 Bracket SS for ID7W (not desk mount)		\$80
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IND310drive

Scale Terminal



IND310drive

APPLIED

Approvals:

- NTEP Class III/III L, 5000d, COC#04-032; Canadian Approval, AM5539

Environmental Protection:

- IP69K, SS enclosure with adjustable mounting bracket

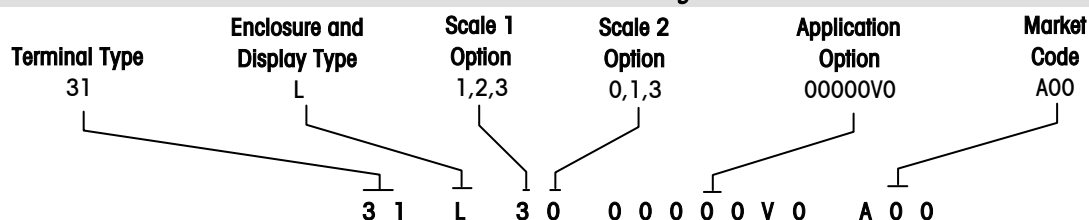
Standard Features:

- 1/4 VGA Monochrome graphical display
 - 146mm display viewing area
 - 24mm high default weight display
- Vehicle Scale (VS) inbound/outbound software
- Single scale interface for DigiTOL or analog load cells
- 2 COM ports (RS-232/RS-422/RS-485/cL)
- Ethernet port
- Documentation CD

Options

- Support for a second platform

IND310drive Model Configuration



Ordering Information

IND310drive Enclosure and Displays

Order Number	Enclosure and Display Type	Scale 1 Option	Scale 2 Option	Application Option	Shipping Weight (lb)	Suggested List Price (US\$)	
31L1000000VA00	Harsh Desk Enclosure	Single Analog	none	Vehicle Scale Software	18 lb	\$1,830	
31L2000000VA00		Dual Analog*				\$2,175	
31L3000000VA00		POWERCELL**	Single Analog POWERCELL**			\$1,830	
31L3100000VA00						\$2,235	
31L3300000VA00						\$2,235	

* 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	\$405
71207877	POWERCELL Card (Scale #2)	0.5 lb	\$405
TA100590	Auxiliary Power Supply	5 lb	\$350
0917034000	88 Key QWERTY keyboard	5 lb	\$240