



**Doran Scales, Inc.**

www.doranscales.com

1315 Paramount Pkwy. • Batavia, IL 60510 • 630-879-1200 • 800-262-6844 • Fax: 630-879-0073



Manual No: 240 Rev. 7

Parts Prices Are Subject to a C Discount Schedule  
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Effective December 2008

**DORAN**<sup>®</sup>  
Doran Scales, Inc.



**Doran Scales Inc. Repair Parts List**  
**Manual No: 240 Rev. 7**  
**Effective December 2008**

Doran Scales Inc.  
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Load Cells		
PART NO.	DESCRIPTION	LIST PRICE
LC1010 (Specify Capacity)	Load Cell, Type 1010 - Used in 8" x 10" & as an alternate to the Type 1042 with adapter kit; specify capacity: 3,5,10,15,90 KG; all potted except 3 & 5 KG; size: 4 5/8" L x 1" W x 2 1/2" H.	\$195.00
<b>Used In:</b>	8" X 10" DSP Bases and Scales with 8" X 10" platforms	
LC1022 (Specify Capacity)	Load Cell, Type 1022 -Used in 10" x 10" Quad-Spring bases & 6" x 6" bases; specify capacity: 3, 5, 10, 15,20,30,35 KG; size: 5 1/8" L x 1 5/8" W * x 7/8"H *varies with capacity, 1 5/8" max.	\$136.00
<b>Used In:</b>	10" X 10" DXL Bases and Scales with 10" X 10" Quad Spring Platforms and PC400 Scales	
LC1130 (Specify Capacity)	Load Cell Type 1130 - Stainless Steel Alternative to Load Cell Type 1022 Specify capacity: 7, 15, 30 KG	\$295.00
<b>Used In:</b>	Stainless Steel Load Cell for 10" X 10" DXL Bases and Scales with 10" X 10" Quad Spring Platforms	
LC1042 (Specify Capacity)	Load Cell, Type 1042 - Used in 10" x 10", 12" x 12" & 12" x 16" bases; specify capacity: 3,5,10,15,30,50,75,100 KG; size: 6" L x 1" W x 1 3/8" H	\$150.00
<b>Used In:</b>	10" X 10", 12" X 12" and 12" X 16" DSP bases and Scale Platforms WITHOUT Quad Springs, 12" X 12" and 15" X 15" DXL bases and Scale Platforms WITH Quad Springs	
LC1250 (Specify Capacity)	Load Cell, Type 1250 -Used in 18" x 18", 18" x 24" & 24" x 24" DSP bases; specify capacity: 50,100,150,200,300,500,635,1000 KG; size: 7 1/2" L x 3" W x 2 7/8" H.	\$250.00
<b>Used In:</b>	18" X 18", 18" X 24" and 24" X 24" DSP Bases	
LC1260 (Specify Capacity)	Load Cell Type 1260 – Used in DXL series 18" x 18" and DMS/DSS 18x18, 18x24 and 24x24 bases; specify capacity: 50, 75, 150, 300 and 500KG	\$250.00
<b>Used In:</b>	18" X 18" DXL Base and 18" X 18", 18" X 24" and 24" X 24" DMS and DSS Bases	
LCPBCBC (Specify Capacity)	Load Cell Type LCPB – Stainless Steel alternative to Load Cell type 1260. Specify capacity: 250, 500 KG	\$995.00
<b>Used In:</b>	Stainless Steel Load Cell for 18" X 18" DXL Base and 18" X 18", 18" X 24" and 24" X 24" DMS and DSS Bases	
LCPB0075	Load Cell Type Planar Beam for 300 and 500 lb Capacity	\$180.00
<b>Used In:</b>	Doran Baggage Scale Full Bagwell Low Profile Base	



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## LOAD CELL SHIMS & BOLTS

PART NO.	DESCRIPTION	LIST PRICE
ENC0006	Shim For LC1010, Aluminum, 1.12"L x 1.37"W x 0.25"H	\$4.00
ENC0010	Shim For LC1010, Stainless Steel, 1.25"L x 1.5"W x 0.018" H	\$1.50
ENC0116-1	Shim for LC1250, Stainless Steel, 1.77"L x 3.12"W x 0.062"H NOTE: Used as an upper shim on DSP3000, paired with ENC0117-1. DSP5000 capacity 500lb and under used as an upper shim paired with ENC0117-1. DSP5000 Over 500lb capacity used as lower shim paired with ENC0117-1.	\$6.00
ENC0117-1	Shim For LC1250, Stainless Steel, 1.75"L x 3.12"W x 0.125"H NOTE: Used as an upper shim on DSP3000, paired with ENC0116-1. Used as a lower shim on DSP3000. DSP5000 capacity 500lb and under used as an upper shim paired with ENC0116-1 and used as lower shim. DSP5000 Over 500lb capacity two used as upper shims and used as lower shim paired with ENC0116-1.	\$6.00
ENC0154-1	Lower Shim for LC1042, Stainless Steel, 1.12"L x 1.37"W x 0.062" H Used on DXL8000 and 7000P series bases	\$6.00
ENC0155-1	Upper Shim for LC1042, Stainless Steel, 1.12"L x 1.37"W x 0.111" H Used on DXL8000 and 7000P series bases	\$6.00
ENC0527-1	Shim for LC1022, Stainless Steel, 1.00"L x 1.63"W x 0.125" H Used on DXL7000 series bases as upper (two) and lower (one) shims. For bases with up overload stop, use as upper shim paired with ENC0545-1	\$6.00
ENC0545-1	Shim for LC1022, Stainless Steel, 1.87"L x 1.63"W x 0.125" H Used on DXL7000 series bases as upper shim and up overload stop, paired with ENC0527-1.	\$6.00
FST0005	Split Lockwasher, 1/4" For LC1042 Use with FST0035	\$0.30
FST0035	Screw 1/4 - 20 x 5/8", Hex Head For LC1042/LCPW15	\$0.50
FST0049	Upper Screw 1/4 - 20 x 1"Socket Head For LC1010 Used with DSP1000 shock arm	\$0.50
FST0102	Split Lockwasher, 5/16", Stainless Steel Used with FST0113	\$0.25
FST0113	Screw 5/16 - 18 x 1" Hex Head, Stainless Steel Used with LC1250 Shim for 1260- .112	\$0.75
ENC0736	SPACER, .134 SS	\$8.00



MODEL PC-400 REPLACEMENT PARTS		
PART NO.	DESCRIPTION	LIST PRICE
	<b>The following are parts for PC400 models with serial number lower than NPC403000 or software rev 3.5 or lower.</b>	
WCB0149	RS-232 Cable - 9 pin female with RJ12 connector	\$15.00
PCA0296	Main PCB Assembly	\$100.00
PCA0281	Power Supply PCB Assembly	\$50.00
XFR0035	Plug Mount Transformer 120 VAC plug mount transformer, 10' cord, UL/CSA Listed, Center negative	\$35.00
XFR0037	Plug Mount Transformer 230 VAC plug mount transformer, 10' cord, UL/CSA Listed, Center negative	\$35.00
	<b>The following are parts for ALL PC400 serial numbers</b>	
WCB0153	Power Supply to Motherboard interconnect ribbon cable	\$20.00
BAT0013	Replacement Rechargeable Battery Pack	\$35.00
ENC0804	Platter 6 1/2" x 6 1/2" Stainless Steel	\$45.00
SUB0531	Foot Assembly Set of four feet.	\$20.00
	<b>Touch Panels</b>	
	<b><i>New Larger Display Window PC400</i></b>	
SWI0151	Touchpanel - 2 LB capacity for SN: NPC405162 and higher	\$45.00
SWI0152	Touchpanel - 5 LB capacity for SN: NPC404698 and higher	\$45.00
SWI0153	Touchpanel - 10 LB capacity for SN: NPC404988 and higher	\$45.00
SWI0154	Touchpanel - 20 LB capacity for SN: NPC405110 and higher	\$45.00
	<b><i>Old Smaller Display Window PC400</i></b>	
SWI0130	Touchpanel - 2 LB capacity for SN: NPC405161 and lower	\$45.00
SWI0131	Touchpanel - 5 LB capacity for SN: NPC404697 and lower	\$45.00
SWI0132	Touchpanel - 10 LB capacity for SN: NPC404987 and lower	\$45.00
SWI0135	Touchpanel - 20 LB capacity for SN: NPC405109 and lower	\$45.00
MSC0133	Carrying Case with Foam Inserts	\$75.00
	<b>The following are for PC400 models with serial numbers NPC403000 and higher</b>	
WCB0157	RS232 Cable - 9 pin female with phono-jack connector	\$15.00
PCA0296	Main PCB Assembly	\$150.00
PCA0297	Power Supply PCB Assembly	\$50.00
WCB0160	RS-232 and Power Bulkhead Mount Connectors, Wire Harness and Power Board Connector Rubber plugs not included	\$60.00
XFR0039	Plug Mount Transformer 120 VAC plug mount transformer, 10' cord, UL/CSA Listed, Center positive	\$35.00
XFR0038	Plug Mount Transformer 230 VAC plug mount transformer, 10' cord, UL/CSA Listed, Center positive	\$35.00
ENC0831	20LB larger platter 6 3/4" X 9 1/4"	\$60.00



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## MODEL PC-500 REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
ENC0867	SS platter	\$55.00
ENC0868	Battery cover. (Includes black plug and gasket installed)	\$25.00
ENC0874	Sub Platter (plastic)	\$45.00
HDW0279	Knob for battery cover.	\$4.00
HDW0280	Cover screw with O-ring.	see below
HDW0281	Subplatter screw with washer.	see below
HDW0284	Top gasket O ring screws	see below
SUB0660	Complete Screw Set (Includes 10 HDW0280-screw w/o ring to attach base to cover and 1 HDW0281 for sub platter with washer and 6 HDW0284 for top gasket o ring).	\$15.00
HDW0282	Leveling Foot	\$6.00
SWI0159	Touchpanel – 5 LB capacity	\$45.00
SWI0160	Touchpanel – 10 LB capacity	\$45.00
SWI0161	Touchpanel – 25 LB capacity	\$45.00
SWI0162	Touchpanel – 50 LB capacity	\$45.00
WCB0179	8.5 foot cable for remote footswitch options.	\$12.00
XFR00035	Wall Mount Transformer, 115VAC	\$30.00



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<b>MODEL 300 REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
	<b>The following parts are for Model 300 scales WITHOUT the internal rechargeable battery option installed.</b>	
PCA0222	Main PCB Assembly 115/ VAC w/o Battery Option, includes display board	\$405.00
PCA0222D	Main PCB Assembly 230/VAC w/o Battery Option, includes display board	\$425.00
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used in Main PCB 115/VAC	\$3.00
FUS0021	Fuse, 1/8 Amp, Slo-Blo Used on Main PCB 230/VAC	\$3.00
SUB0041-1	Remote Foot Switch Non-washdown (IP20), 10ft. cable included	\$65.00
SUB0063-2	Power Cord Assembly Shielded, 8ft long, 18/3 SJEOW, with chosorb, connector assembly, and connector unassembled.	\$30.00
SUB0235	Calibration Port Cover Assembly - Includes port cover, port gasket, hex head screws and gasket bonded washers	\$25.00
SUB0437	Foot Assembly Set Plastic feet, set of four	\$20.00
SWI0098	Front Panel Overlay Specify capacity when ordering	\$45.00
SWI0102	Zero Switch	\$15.00
WCB0142	RS-232 Male to Female Cable 10' with 2 DB9 connectors	\$30.00
	<b>The following parts are for Model 300 scales WITH the internal rechargeable battery option installed</b>	
SUB0038-4	Rechargeable Battery 6 Volt, 4 Amp Hr., sealed lead acid	\$85.00
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used in Main PCB 230/VAC w/battery option	\$3.00
FUS0020	Fuse, 1/2 Amp, Slo-Blo Used on Main PCB 115/VAC w/battery option	\$3.00
SWI0102	Zero Switch	\$15.00
SUB0063-2	Power Cord Assembly Shielded, 8ft long, 18/3 SJEOW, with chosorb, connector assembly, and connector unassembled.	\$30.00
SUB0235	Calibration Port Cover Assembly	\$15.00
SWI0098	Front Panel Overlay Specify capacity when ordering	\$45.00
SUB0437	Foot Assembly Set Plastic feet, set of four	\$20.00
SUB0041-1	Remote Foot Switch Non-washdown, 10ft. cable included	\$65.00
WCB0142	RS-232 Male to Female Cable 10' with 2 DB9 connectors	\$30.00



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## MODEL 4100 REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
	<b>Display Lenses</b>	
LEN0017	Outer Lens, Clear Lexan	\$50.00
	<b>Power Supplies, Batteries, Transformers, Power Cords</b>	
HDW0005	AC Power Line Filter - 115/230 VAC	\$30.00
WCB0066	Power Cord - Shielded, 8 ft long, 18/3 SVT	\$30.00
	<b>Gaskets, Housings</b>	
GSK0001	Gasket – Access Plate (Old Style)	\$12.00
GSK0003	Gasket – Tower to Base Plate (Old Style)	\$12.00
GSK0004	Calibration Port Gasket	\$12.00
SUB0086	Rubber Gasket, Rear Panel 16" x 7", full rear panel cover with ESD foil	\$12.00
SUB0086-1	Gasket & Screw Set, Rear Panel - 24 standard & 4 cross-drilled 8-32 S/S screws with rubber & metal washers; rubber gasket for 12" tower rear panel with ESD foil.	\$35.00
SUB0235	Calibration Port Cover 1" x 2" S/S w/gasket & screws	\$15.00
	<b>Relays, Fuses, Switches</b>	
FUS0001	FUSE - 3 AG, 1 Amp, Fast Blo	\$3.00
SUB0003A	Pushbutton Assembly - For Zero, Print, Convert; Includes Rubber Boot	\$30.00
SUB0003A-1	Pushbutton Assembly 3 Pack - 3 of SUB0003A	\$85.00
SUB0003A-1-SS	Stainless Steel P/B Assembly 3 Pack - For Zero, Print or Convert	\$140.00
SUB0003A-SS	Stainless Steel Pushbutton Assembly - For Zero, Print, Convert	\$50.00
SWI0007	Rubber Pushbutton Boot	\$8.00
SWI0048	Stainless Steel Pushbutton Boot - Comes with rubber boot	\$25.00
	<b>MISC</b>	
HDW0011	Bubble Level	\$8.00
HDW0042	S/S Foot - Sold Singly, for 18" x18" & larger bases 1/2-20 NF thread	\$25.00
ICT0008	Program Memory IC - Main or UIB PCB, Specify Options w/capacity (Specify Capacity)	\$50.00
SUB0004-1	Foot Assembly Set , Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB0085-1	Rear Panel Screw Set 24 standard & 4 cross-drilled 8-32 S/S screws with S/S & captive rubber washers.	\$30.00
SUB0202	16 Pin Flat Cable, 18" Interconnect from Main to SSR PCB	\$50.00



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<b>MODEL 4100XL REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
<b>PCB Assemblies, IC's</b>		
DSW0064	Program Memory IC Used on Main PCB	\$50.00
SUB0446	Main PCB Assembly 115 VAC Two board set, including Display board NOTE: Not for use in old style 4100	\$420.00
SUB0446D	Main PCB Assembly 230/VAC Two board set, including Display board	\$440.00
<b>Display Lenses</b>		
<b>Power Supplies, Batteries, Transformers, Power Cords</b>		
4300-009	Power Cord Shielded, 8ft long, 18/3 SJEOW, with chosorb, connector assembly, connector unassembled	\$35.00
XFR0029	Transformer – 9.8V	\$35.00
<b>Gaskets, Housings</b>		
4300-019	Gasket & Screw Set, Rear Panel 16 standard & 4 cross-drilled screws with rubber washers; rubber gasket for 12" tower rear panel with ESD foil	\$38.00
4300-033	Rear Panel Screw Set 16 standard & 4 cross-drilled s/s screws with captive rubber washers	\$30.00
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
SUB0235	Calibration Port Cover Assembly	\$15.00
SUB0346	Rubber Gasket, Rear Panel With ESD foil	\$12.00
<b>Relays, Fuses, Switches</b>		
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used on Main PCB 230/VAC	\$3.00
FUS0020	Fuse, 1/2 Amp, Slo-Blo Used in Main PCB 115/VAC	\$3.00
SUB0350	Switch Assembly, Stainless Steel, Zero or Units Push Button Old Style higher profile. Contact factory with scale serial number to determine if this is required.	\$45.00
SUB0534	Switch Assembly, Stainless Steel, Zero or Units Push Button New Style, lower profile. Contact factory with scale serial number to determine if this is required.	\$60.00
SWI0075	Push Button White Used for CAL or UNITS	\$5.00
<b>Columns, Knobs, Brackets</b>		
SUB0458	Tower to Base Bracket Assembly New Style For use with DXL base with Quad-spring overload protection	\$75.00
<b>MISC</b>		
LED0003	LED, LB/KG/OZ/G or MOT/ZERO/GROSS Red 4 bar	\$10.00
LED0018, 37,38	LED, Over/Accept/Under Specify red/over (18), yellow/under (37) green/accept (38) (Specify Color)	\$10.00
LED0039	LED, Numeric One red display digit	\$10.00
SHP0026	Lens Glue RTV DC737, Clear, 3 oz. Tube	\$25.00
SUB0004-1	Foot Assembly Set , Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0041-1	Foot Switch - Non Washdown – Cable Included	\$65.00



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## MODEL 4200 REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
<b>PCB Assemblies, IC's</b>		
PCA0185	Main PCB Assembly, Standard Used on standard 4200, 115VAC (Order this board if the PCB DOES have an "A" suffix in the PCB board serial number)	\$500.00
PCA0185D	Main PCB Assembly, 220V Used on standard 4200, 220VAC	\$520.00
SUB0367	Main PCB Assembly, Enhanced Used on 4200 with Option Type 16; 22; 27; 28 (Order this board if the PCB DOES NOT have an "A" suffix in the PCB board serial number)	\$605.00
SUB0367-1	Main PCB Assembly, Enhanced With battery option	\$685.00
DSW0005	Program Memory IC Used on PCA0185 & SUB0367 specify 27C512	\$50.00
ICT0090	Static Ram, PCA0185 Standard Board U10	\$30.00
ICT0119	Static Ram with Battery Backup, PCA0165 Enhanced Board U10	\$65.00
PCA0141	Display PCB Assembly, Old Style - Over/Accept/Under LED's, individual lights for Over/Under/Accept	\$235.00
PCA0160	Display PCB Assembly, Digibar 4200 Graph Lights	\$265.00
PCA0173	Battery Charger Board	\$220.00
<b>Touch Panels</b>		
SWI0045	Touch Panel, Old Style Over/Accept/Under LED's, self adhesive (Tail on left side)	\$227.00
SWI0061	Touch Panel, Digibar Self adhesive	\$175.00
SWI0061-1	Touch Panel, New Style for Battery Option Over/Accept/Under LED's, self adhesive (Tail on top)	\$275.00
<b>Power Supplies, Batteries, Transformers, Power Cords</b>		
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SVT, with chosorb, connector assembly, and instruction sheet; connector unassembled	\$35.00
XFR0017	Power Transformer -4 wire, 8279739, Old Style	\$35.00
XFR0023	Power Transformer New Style -9 wire, 8279642	\$35.00
<b>Gaskets, Housings</b>		
ENC0255	Rear Access Panel - 16" x 7", Stainless Steel	\$45.00
SUB0085-1	Rear Panel Screw Set 24 standard & 4 cross-drilled 8-32 S/S screws with S/S & captive rubber washers.	\$30.00
SUB0086	Rubber Gasket, Rear Panel - 16" x 7" with ESD foil	\$12.00
SUB0086-1	Gasket & Screw Set, Tower & Rear Panel 24 standard & 4 cross-drilled 8-32 S/S screw with rubber and metal washers; rubber gasket for 12" tower rear panel with ESD foil	\$35.00
SUB0235	Calibration Port Cover Assembly	\$15.00
<b>Relays, Fuses, Switches</b>		
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used in Main PCB, 115 VAC	\$3.00
FUS0021	Fuse, 1/8 Amp, Slo-Blo - Used in Main PCB, 230 VAC	\$3.00
RLY0007	Solid State Relay, 3 Amp A/C - Used on optional SSR PCB 115 VAC	\$30.00
RLY0011	Solid State Relay, DC - 1 Amp 5-200 VAC	\$60.00
SWI0024	Red Toggle Switch	\$10.00



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<b>MODEL 4200 REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
	<b>MISC</b>	
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
HDW0011	Bubble Level	\$8.00
HDW0042	S/S Foot Sold separately, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
LBL0111	Capacity Label	\$5.00
LED0003	LED, LB/KG/OZ/NEG or MOT/ZERO/NET/GROSS Red 4 bar LED	\$10.00
LED0004 thru 6	LED, Over/Accept/Under Yellow (5)/green (6)/red (4) annunciator, single bar LED; used on old style 4200	\$10.00
LED0009, 8,29	LED, DIGIBAR Used on Digibar bar graph display, specify color red (9), green (8) or yellow (29), 10 bars per LED	\$10.00
LED0013	LED, Numeric One red display digit	\$10.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0041	Foot Switch - Non Washdown – Cable Included	\$65.00
SUB0202	16 Pin Flat Cable, 18" Interconnect from Main to SSR PCB	\$50.00
WCB0062-1	Cable, Flat, Main to Display PCB 6" cable to connect Main board to Display board with connectors at both ends	\$75.00
<b>MODEL 4200M REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
	NOTE: Parts unique to 4200M are listed below.	
SUB0087-1	Meter Gasket and Screw Set For meter style case only	\$12.00
WCB0062-4	Cable, Flat, Main to Display PCB 12" cable to connect Main to Display PCB with connectors on both ends	\$95.00



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## MODEL 4300M EXCEL SERIES PARTS

PART NO.	DESCRIPTION	LIST PRICE
	<b>NOTE: For NEW EXCEL SERIES Style, cases with 4 screws and serial numbers 434000 and higher Or Serial Numbers Between 430000 and 430199</b>	
	<b>PCB Assemblies</b>	
SUB0570	Main Board with Display, AC Powered, 115 VAC.	\$415.00
SUB0571	Main Board with Display, Battery Powered, 115 VAC	\$485.00
SUB0572	Main Board with Display, Battery Powered, 230 VAC	\$505.00
SUB0573	Main Board with Display, AC Powered, 230 VAC	\$435.00
	<b>Touch Panels</b>	
SUB0566	Front Panel Graphics Faceplate and Switch, Includes graphics faceplate, switch assembly, adhesive, and installation instructions	\$105.00
SUB0567	Front Panel Graphics Faceplate Only, Includes faceplate, adhesive and installation instructions	\$65.00
SWI0128-B	Front Panel Switch Assembly Only	\$65.00
	<b>Power Supplies, Batteries, Transformers, Power Cords</b>	
IND0006	Power Cord Chosorb	\$10.00
SUB0038-4	Internal Rechargeable Battery, 4 Ah, 6 Volt, lead acid, rechargeable, with terminals, and wires	\$85.00
SUB0063-1	Power Cord , 18 gauge, 3 conductor, 8 ft., chosorb, three pins with connector for old style Doran boards and instruction sheet.	\$35.00
	<b>Gaskets, Housings</b>	
ENC0586	Enclosure Backplate Expanded 1.0" Depth, For optional battery and internal relay configurations	\$95.00
ENC0604	Enclosure Backplate Standard 0.5" Depth, For standard AC powered meters	\$40.00
GSK0024	Enclosure Backplate Gasket	\$10.00
SUB0398	Battery Gasket & Screw Set, Rear Panel 2 standard, 2 cross-drilled 10-32x1.0" bolts, 4 rubber bonded metal washers and 1 rear gasket.	\$14.00
SUB0438	Gasket & Screw Set, Rear Panel 2 standard, 2 cross-drilled 10-32x1/2" bolts, 4 rubber bonded metal washers and 1 rear gasket.	\$14.00
SUB0580	Front Enclosure, Graphics Faceplate and Switch Assembly, Graphics faceplate and switch assembly mounted to front enclosure	\$195.00
XFR0042	Transformer for Battery Powered Main Board	\$35.00
	<b>Relays, Fuses, Switches</b>	
FUS0019	Fuse, 1/4 Amp, Slo-Blo Non-Battery(115VAC), Battery(230VAC)	\$3.00
FUS0020	Fuse, 1/2 Amp, Slo-Blo Battery (115VAC)	\$3.00
FUS0021	Fuse, 1/18 Amp, Slo-Blo Non-Battery(230VAC)	\$3.00
	<b>Columns, Knobs, Brackets</b>	
ENC0585	Battery Bracket, Aluminum, Mounts to enclosure backplate	\$20.00
	<b>MISC</b>	
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option cabling	\$6.00
LBL0173-A	Capacity Labels	\$5.00
MSC0164	Wireless Ethernet Option Antenna	\$30.00
SUB0399	Liquid-Tite Plug Plugs unused Liquid-Tite hole in backplate. Includes plug, nut and gasket.	\$15.00



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MODEL 4300M EXCEL SERIES PARTS		
PART NO.	DESCRIPTION	LIST PRICE
	<b>NOTE: For NEW EXCEL SERIES Style, cases with 4 screws and serial numbers 434000 and higher</b>	
	<b>Power Supplies, Batteries, Transformers, Power Cords</b>	
MSC0150	+5V Power Supply for External Relay Box	\$155.00
	<b>Relays, Fuses, Switches</b>	
CAP0054	Quencharc for Relay output terminal	\$10.00
	<b>Columns, Knobs, Brackets</b>	
ENC0624	Meter Mounting U-Bracket Fits all meters	\$40.00
SUB0210-1	Knob and Gasket Bonded Washer for U-Bracket Adjustment	\$8.00
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00
SUB0455	E Mounting Bracket Connects Base to Indicator, same as EXOPT125. If the scale base has drilled and tapped holes on the side of the base wall near the load cell cable exit, this part MUST be used.	\$75.00
	<b>Communication Cables</b>	
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00
	<b>MISC</b>	
HDW0254	Breather Vent for Battery Powered Meter, Washdown Safe Allows for air equalization and venting, and resists water entry	\$10.00
MSC0085	Scale Veils For 7000XL	\$16.00
MSC0102	Scale Veil Battery Powered Meter	\$16.00
MODEL 4300M REPLACEMENT PARTS		
PART NO.	DESCRIPTION	LIST PRICE
	<b>The following are for parts for 4300 Meters with serial number under 434000</b>	
	<b>PCB Assemblies, IC's</b>	
DSW0018	Program Memory IC Used on Main PCB	\$50.00
PCA0250	Meter Main PCB Assembly 115 VAC	\$440.00
PCA0250D	Meter Main PCB Assembly 230 VAC	\$460.00
	<b>Touch Panels</b>	
4300-006	Touch Panel Set Touch panel and overlay, and adhesive.	\$140.00
LBL0168-A	Touch Panel Adhesive	\$8.00
SWI0103-A	Touch Panel Overlay requires LBL0168-A adhesive, see below.	\$70.00
	<b>Gaskets, Housings</b>	
SUB0438	Gasket & Screw Set, Rear Panel 3 standard, 1cross-drilled 10-32 bolts, 4 rubber bonded metal washers and 1 rear gasket.	\$14.00
	<b>Relays, Fuses, Switches</b>	
SWI0103-B	Switch Assembly Only	\$70.00
SWI0106	White Push Button Units, Cal Switch for software version REV 1.0 and higher	\$5.00
	<b>Columns, Knobs, Brackets</b>	
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00



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MODEL 4300 TOWER REPLACEMENT PARTS		
PART NO.	DESCRIPTION	LIST PRICE
<b>PCB Assemblies, IC's</b>		
DSW0018	Program Memory IC Used on Main PCB	\$50.00
SUB0445	Tower Main PCB Assembly 115 VAC	\$440.00
SUB0445D	Tower Main PCB Assembly 230/VAC	\$460.00
<b>Touch Panels</b>		
4300-006	Touch Panel Set Touch panel and overlay, and adhesive.	\$140.00
SWI0103-A	Touch Panel Overlay requires LBL0168 adhesive, see below.	\$70.00
<b>Power Supplies, Batteries, Transformers, Power Cords, Power Filters</b>		
4300-009	Power Cord Shielded, 8ft long, 18/3 SVT, with chosorb, connector assembly, connector unassembled	\$30.00
HDW0168	Power Filter on PCB	\$35.00
XFR0029	Transformer – 9.8V	\$35.00
<b>Gaskets, Housings</b>		
4300-019	Gasket & Screw Set, Rear Panel 16 standard & 4 cross-drilled screws with rubber washers; rubber gasket for 12" tower rear panel with ESD foil	\$38.00
SUB0235	Calibration Port Cover Assembly	\$15.00
SUB0346	Rubber Gasket, Rear Panel With ESD foil	\$12.00
<b>Relays, Fuses, Switches</b>		
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used on Main PCB 230/VAC	\$3.00
FUS0020	Fuse, 1/2 Amp, Slo-Blo Used in Main PCB 115/VAC	\$3.00
SUB0041	Foot Switch - Non Washdown – Cable Included	\$65.00
SWI0075	White Push Button Units, Cal Switch for software version REV 1.0 and higher Tower model only	\$5.00
SWI0088	Slide Switch For use in up to software version REV0.9, Tower model only	\$5.00
SWI0103-B	Switch Assembly Only.	\$70.00
<b>MISC</b>		
4300-033	Rear Panel Screw Set 16 standard & 4 cross-drilled s/s screws with captive rubber washers	\$30.00
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
HDW0082	Display Board Spacers, Plastic, 6/32 x 1/2" Set of 6	\$2.00
LED0003	LED, LB/KG/OZ/NEG or MOT/ZERO/NET/GROSS Red 4 bar	\$10.00
LED0018, 37,38	LED, Over/Accept/Under Specify red/over (18), yellow/under (37) green/accept (38) (Specify Color)	\$10.00
LED0039	LED, Numeric One red display digit	\$10.00
MAN0175-10	Capacity Label	\$5.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00



<b>MODEL 7000 REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
	<b>NOTE: For Old Style cases with 16 screws and serial numbers 759999 and lower</b>	
	<b>PCB Assemblies, IC's</b>	
DSW0001	Program Memory IC Used on Main PCB; For model 7000 Revisions 5.0 & higher.	\$50.00
ICT0008	Program Memory IC Used on Main PCB; For Model 7000 PCB Revisions 113A or 1.5, specify capacity at time of order. (24 pin 2732A)	\$50.00
ICT0089	Program Memory IC Used on Main PCB; For model 7000 PCB Revisions 2.0 through 3.0, Specify capacity at time of order. (28 pin 27C256)	\$50.00
SUB0568	Main PCB Assembly, 115 VAC - Used on Rev 5.X	\$415.00
SUB0568D	Main PCB Assembly, 230 VAC	\$435.00
	<b>Power Supplies, Batteries, Transformers, Power Cords</b>	
IND0006	Power Cord Chosorb	\$10.00
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SJEOW, with chosorb, connector assembly, and instruction sheet	\$35.00
	<b>Gaskets, Housings</b>	
SUB0085	Rubber Gasket, Rear Panel 6" x 10", with ESD foil	\$10.00
	<b>Relays, Fuses, Switches</b>	
7000-006B	Old Style Zero/Convert Switch Assembly 2 pushbutton switches with cables, S/S boots, convert label & connectors	\$75.00
FUS0021	Fuse, 1/8 Amp, Slo-Blo Used in P/N PCA0196, 115 VAC Main PCB	\$3.00
FUS0022	Fuse, 1/16 Amp, Slo-Blo Used in P/N PCA0196D, 230 VAC Main PCB	\$3.00
SUB0013-1	Old Style Zero Switch Assembly 3 Pack 1 set of 3 P/N SUB0013D with S/S Boot	\$105.00
SUB0013C	Zero/Convert Switch Assembly 2 pushbutton switches with cables, S/S boots, convert label & connectors.	\$75.00
SUB0013D	Zero Switch Assembly Pushbutton switch with cable, S/S boot, & PCB connector	\$40.00
SUB0041	Foot Switch Non Washdown Cable Included	\$65.00
	<b>Columns, Knobs, Brackets</b>	
ENC0624	U Bracket Tilt Stand bracket for case	\$40.00
	<b>Communication Cables</b>	
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00
	<b>MISC</b>	
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
HDW0011	Bubble Level	\$8.00
HDW0042	S/S Foot Sold singly, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
LED0013	LED, Numeric One red display digit	\$10.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB0004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB0004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00



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## MODEL 7000 REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
	<b>NOTE: For Old Style cases with 16 screws and serial numbers 759999 and lower</b>	
	<b>Display Lenses</b>	
SUB0365	Lens, Red New Style – UL Approved For digital LED display	\$35.00
	<b>Power Supplies, Batteries, Transformers, Power Cords</b>	
XFR0006	Power Transformer, Old Style 12 Pin. Rev. 0 through 2.X	\$45.00
XFR0019	Power Transformer, 230 VAC For Main PCB, 4 wire, 8279752 XFR0019) Rev. 4.X	\$35.00
XFR0027	Power Transformer, 115/230 VAC For PCA0196, 8 Pin, (SPW1202 hz) Rev. 5.X	\$35.00
	<b>Gaskets, Housings</b>	
SUB0085-2	Gasket & Screw Set, Rear Panel 24 standard & 4 cross-drilled 8-32 S/S screw with rubber and metal washers; rear panel rubber gasket w/ESD foil	\$35.00
SUB0235	Calibration Port Cover Assembly Includes cover, gasket & screws	\$15.00
	<b>Relays, Fuses, Switches</b>	
SUB0513	New Style Zero Switch Assembly – includes cable and PCB connector NOTE: Requires .75" Mounting Hole	\$50.00
SUB0517	Three pack New Style Switch Assembly NOTE: Requires .75" Mounting Hole	\$140.00
SWI0007	Rubber Pushbutton Boot	\$8.00
SWI0024	Cal Switch Red toggle	\$10.00
SWI0024	CAL Toggle Switch, Red Handle	\$10.00
SWI0048	Stainless Steel Pushbutton Boot	\$25.00
SWI0049	Square Push Button	\$5.00
SWI0060	Round Push Button	\$5.00
SWI0075	White Push Button	\$5.00
	<b>Columns, Knobs, Brackets</b>	
SUB0210-1	Knob, "U" Bracket Adjust Friction adjust knob with washer	\$8.00
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00
SUB0455	E Mounting Brackets- *(NEW STYLE)* Connects Base to Indicator Same as Option E.	\$75.00
	<b>MISC</b>	
SUB0085-1	Rear Panel Screw Set 24 standard & 4 cross-drilled 8-32 S/S screws with S/S & captive rubber washers.	\$30.00
SUB0535	Foot Assembly Set Rubber feet; S/S M5 x 1 screw, sold in sets of 6 only	\$30.00



<b>MODEL 7000 REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
	<b>NOTE: For NEW Style cases with 4 screws and serial numbers 760000 and higher</b>	
	<b>PCB Assemblies</b>	
SUB0568	Main PCB Assembly, 115 VAC Used on Rev 5.X	\$415.00
SUB0568-D	Main PCB Assembly, 230 VAC	\$435.00
	<b>Display Lenses</b>	
SUB0365	7000 Lens Replacement Kit Clear lens, red lens, and RTV adhesive	\$35.00
	<b>Power Supplies, Batteries, Transformers, Power Cords</b>	
IND0006	Power Cord Chosorb	\$10.00
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SJEOW, with chosorb, connector assembly, and instruction sheet connector separate for pass thru	\$35.00
XFR0027	Power Transformer, 115/230 VAC 8 Pin, (SPW1202 hz)	\$35.00
	<b>Gaskets, Housings</b>	
ENC0604	Backplate for Meter Enclosure	\$40.00
ENC0840	Backplate for Meter enclosure with 1" hole for wired Ethernet	\$40.00
SUB0235	Calibration Port Cover Assembly Includes cover, gasket & screws	\$15.00
SUB0438	Gasket & Screw Set, Rear Panel 3 standard, 1cross-drilled 10-32 bolts, 4 rubber bonded metal washers and 1 rear gasket.	\$14.00
SUB0440	Case Cover Assembly Includes lens, stainless steel zero pushbutton. Board not included	\$195.00
	<b>Relays, Fuses, Switches</b>	
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used in P/N SUB0408, 115 VAC Main PCB	\$3.00
FUS0021	Fuse, 1/18 Amp, Slo-Blo Used in P/N Sub0316, 230 VAC Main PCB	\$3.00
SUB0013-1	Zero Switch Assembly 3 Pack 1 set of 3 P/N SUB0013D with S/S Boot.	\$105.00
SUB0013C	Zero/Convert Switch Assembly 2 pushbutton switches with cables, S/S boots, convert label & connectors.	\$75.00
SUB0013D	Zero Switch Assembly Pushbutton switch with cable, S/S boot, & PCB connector.	\$40.00
SUB0041-1	Foot Switch Non Washdown Cable Included	\$65.00
SUB0442	Calibration/Units Switch Replacement Kit Includes switches and caps	\$15.00
SUB0513	New Style Zero Switch Assembly – includes cable and PCB connector NOTE: Requires .75" Mounting Hole	\$50.00
SUB0517	Three pack New Style Switch Assembly NOTE: Requires .75" Mounting Hole	\$140.00
SWI0007	Rubber Pushbutton Boot	\$8.00
SWI0048	Stainless Steel Pushbutton Boot	\$25.00
SWI0075	White Push Button	\$5.00
SWI0106	Sealed Push Button Calibration Switch	\$5.00
	<b>Columns, Knobs, Brackets</b>	
SUB0210-1	Knob, "U" Bracket Adjust Friction adjust knob with washer	\$8.00
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00
SUB0455	E Mounting Brackets- *(NEW STYLE)* Connects Base to Indicator Same as Option E. If the scale base does have drilled and tapped holes on the side, this part MUST be used.	\$75.00



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## MODEL 7000 REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
<b>Communication Cables</b>		
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00
<b>MISC</b>		
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
CNT0256	Load Cell Connector/Plug	\$8.00
HDW0011	Bubble Level	\$8.00
HDW0042	S/S Foot Sold singly, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
LED0042	LED, Units Indicator One red LED	\$10.00
LED0046	LED, Numeric One red display digit	\$10.00
MSC0085	Scale Veils For 7000XL	\$16.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00



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MODEL 7000XL REPLACEMENT PARTS		
PART NO.	DESCRIPTION	LIST PRICE
	<b>NOTE: For Old Style cases with 16 screws and serial numbers XL705999 and lower</b>	
	<b>PCB Assemblies, IC's</b>	
DSW0001	Program Memory IC Used on Main PCB, 27C256 (Specify Revision)	\$50.00
SUB0568-D	Main PCB Assembly, 230 VAC	\$435.00
SUB0568	Main PCB Assembly, 115 VAC Used on Rev 5.X	\$415.00
	<b>Touch Panels</b>	
SWI0066	Touch Panel - Includes adhesive back	\$115.00
	<b>Power Supplies, Batteries, Transformers, Power Cords</b>	
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SJEOW, with chosorb and connector assembly	\$35.00
XFR0027	Power Transformer, 115/230 VAC For 7000/7000XL-004-1, 8pin, (SPW1202 HZ)	\$35.00
	<b>Gaskets, Housings</b>	
7000XL-027	Case Cover Assembly With touch panel (Backplate not included)	\$175.00
SUB0085	Rubber Gasket, Rear Panel 6" x 10", with ESD foil	\$10.00
SUB0085-2	Gasket & Screw Set, Rear Panel - 24 standard & 4 cross drilled 8-32 S/S screw with rubber and metal washers; rear panel rubber gasket w/ESD foil.	\$35.00
SUB0235	Calibration Port Cover Assembly Includes cover, gasket & screws	\$15.00
	<b>Relays, Fuses, Switches</b>	
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used in Main PCB, 115 VAC	\$3.00
FUS0021	Fuse, 1/8 Amp, Slo-Blo Used in Main PCB, 230 VAC	\$3.00
SUB0041	Foot Switch Non Washdown Cable Included	\$65.00
SWI0024	CAL Toggle Switch, Red Handled	\$10.00
SWI0075	White Push Button- Cal/Units Switch	\$5.00
	<b>Columns, Knobs, Brackets</b>	
SUB0210-1	Knob, "U" Bracket Adjust Friction adjust knob with washer	\$8.00
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00
SUB0455	E Mounting Brackets- *(NEW STYLE)* Connects Base to Indicator Same as Option E. If the scale base does have drilled and tapped holes on the side, this part MUST be used.	\$75.00
	<b>Communication Cables</b>	
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00
	<b>MISC</b>	
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
HDW0042	S/S Foot Sold singly, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
MSC0085	Scale Veils For 7000XL	\$16.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0085-1	Rear Panel Screw Set 24 standard & 4 cross-drilled 8-32 S/S screws with S/S & captive rubber washers.	\$30.00



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## MODEL 7000XL REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
	<b>NOTE: For NEW Style cases with 4 screws and serial numbers XL706000 and higher</b>	
	<b>PCB Assemblies</b>	
SUB0568	Main PCB Assembly, 115 VAC Used on Rev 5.X	\$415.00
SUB0568-D	Main PCB Assembly, 230 VAC	\$435.00
	<b>Touch Panels</b>	
SUB0427	Touch Panel Assembly Includes: overlay, switch, and installation instructions	\$115.00
SUB0439	Touch Panel Overlay with adhesive	\$70.00
	<b>Power Supplies, Batteries, Transformers, Power Cords</b>	
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SJEOW, with chosorb, connector assembly	\$35.00
XFR0027	Power Transformer, 115/230 VAC For 7000/7000XL-004-1, 8pin, (SPW1202 HZ)	\$35.00
	<b>Gaskets, Housings</b>	
ENC0604	Backplate Rear cover, no screws	\$40.00
GSK0024	Rubber Gasket, Rear Panel	\$10.00
SUB0235	Calibration Port Cover Assembly Includes cover, gasket & screws	\$15.00
SUB0438	Gasket & Screw Set, Rear Panel Includes: 3 standard, 1 cross-drilled 10-32, and 4 rubber bonded metal washers; rear panel rubber gasket.	\$14.00
SUB0439	Face Plate Only Includes faceplate and instructions.	\$65.00
SUB0441	Case Cover Assembly With touch panel (Backplate not included)	\$175.00
	<b>Relays, Fuses, Switches</b>	
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used in Main PCB, 115 VAC	\$3.00
FUS0021	Fuse, 1/8 Amp, Slo-Blo Used in Main PCB, 230 VAC	\$3.00
SUB0041-1	Foot Switch Non Washdown Cable Included	\$65.00
SUB0442	Calibration/Units Switch Replacement Kit Includes switches and caps	\$15.00
SWI0104-B	Inner Switch Assembly	\$70.00
SWI0106	Sealed Push Button– Cal/Units Switch	\$5.00
	<b>Columns, Knobs, Brackets</b>	
ENC0624	U Bracket Tilt stand bracket for case.	\$40.00
SUB0210-1	Knob, "U" Bracket Adjust One Friction adjust knob with washer	\$8.00
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00
SUB0455	E Mounting Brackets- *(NEW STYLE)* Connects Base to Indicator Same as Option E. If the scale base does have drilled and tapped holes on the side, this part MUST be used.	\$75.00
SWI0075	White Push Button – Cal/Units Switch	\$5.00
	<b>Communication Cables</b>	
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00



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<b>MODEL 7000XL REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
	<b>MISC</b>	
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
CNT0256	Load Cell Connector/Plug	\$8.00
HDW0042	S/S Foot Sold singly, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
MSC0085	Scale Veils For 7000XL	\$16.00
MSC0164	Wireless Ethernet Option Antenna	\$30.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0535	Foot Assembly Set Rubber feet; S/S Metric for 10" x 10" and 15" x 15" S/N: XL720000 and higher. Sold in sets of 6 only	\$30.00



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## MODEL 7400 EXCEL SERIES PARTS

PART NO.	DESCRIPTION	LIST PRICE
<b>PCB Assemblies</b>		
SUB0570	Main Board with Display, AC Powered, 115 VAC.	\$415.00
SUB0571	Main Board with Display, Battery Powered, 115 VAC	\$485.00
SUB0572	Main Board with Display, Battery Powered, 230 VAC	\$505.00
SUB0573	Main Board with Display, AC Powered, 230 VAC	\$435.00
<b>Display Lens</b>		
SUB0646	7400 Lens Replacement Kit Clear lens, red lens, and mounting hardware	\$50.00
<b>Power Supplies, Batteries, Transformers, Power Cords</b>		
IND0006	Power Cord Chosorb	\$10.00
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SJEOW, with chosorb, connector assembly, and instruction sheet connector separate for pass thru	\$35.00
XFR0027	Power Transformer, 115/230 VAC 8 Pin, (SPW1202 hz)	\$35.00
<b>Gaskets, Housings</b>		
ENC0604	Backplate for Meter Enclosure	\$40.00
ENC0840	Backplate for Meter enclosure with 1" hole for wired Ethernet	\$40.00
SUB0438	Gasket & Screw Set, Rear Panel 3 standard, 1cross-drilled 10-32 bolts, 4 rubber bonded metal washers and 1 rear gasket.	\$14.00
SUB0665	Front Enclosure Housing	\$275.00
<b>Relays, Fuses, Switches</b>		
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used in P/N SUB0408, 115 VAC Main PCB	\$3.00
FUS0021	Fuse, 1/18 Amp, Slo-Blo Used in P/N Sub0316, 230 VAC Main PCB	\$3.00
SUB0041-1	Foot Switch Non Washdown Cable Included	\$65.00
SUB0442	Calibration/Units Switch Replacement Kit Includes switches and caps	\$15.00
SUB0513	Zero Switch Assembly – includes cable and PCB connector	\$50.00
SUB0514	Zero/Convert Switch Assembly 2 pushbutton switches with cables, S/S boots, convert label & connectors.	?
SUB0517	Three pack Switch Assembly	\$140.00
SWI0075	White Push Button	\$5.00
SWI0106	Sealed Push Button Calibration Switch	\$5.00
<b>Columns, Knobs, Brackets</b>		
SUB0210-1	Knob, "U" Bracket Adjust Friction adjust knob with washer	\$8.00
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00
SUB0455	E Mounting Brackets- *(NEW STYLE)* Connects Base to Indicator Same as Option E. If the scale base does have drilled and tapped holes on the side, this part MUST be used.	\$75.00
<b>Communication Cables</b>		
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00



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MODEL 7400 EXCEL SERIES PARTS		
PART NO.	DESCRIPTION	LIST PRICE
	<b>MISC</b>	
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
CNT0256	Load Cell Connector/Plug	\$8.00
HDW0011	Bubble Level	\$8.00
HDW0042	S/S Foot Sold singly, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
LED0042	LED, Units Indicator One red LED	\$10.00
LED0046	LED, Numeric One red display digit	\$10.00
MSC0085	Scale Veils For 7000XL	\$16.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00



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## MODEL 8000 REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
<b>PCB Assemblies, IC's</b>		
DSW0022	Program Memory IC Used on Main PCB; 27C256	\$50.00
SUB0206	Main PCB Assembly, 115 VAC Not for use on 8000MIS Intrinsically Safe Indicator. Motherboard and display board included.	\$485.00
SUB0207	Main PCB Assembly, 230 VAC Not for use on 8000MIS Intrinsically Safe Indicator.	\$505.00
<b>Touch Panels</b>		
SUB0042R	Touch Panel Includes sheet of capacity labels and adhesive back; not for use on 8000MIS Intrinsically Safe Indicator.	\$115.00
<b>Power Supplies, Batteries, Transformers, Power Cords</b>		
SUB0038-3	Battery 3.2 Ah, 6.3 Volt, lead acid, rechargeable, with terminals, wires	\$95.00
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SJEOW, with chosorb, connector assembly, and instruction sheet; connector unassembled	\$35.00
XFR0017	Power Transformer, 115 VAC For use on Main PCB	\$35.00
XFR0018	Power Transformer, 230 VAC For use on P/N SUB0207	\$35.00
<b>Gaskets, Housings</b>		
ENC0223	Backplate Rear cover with cord wrap bracket	\$65.00
SUB0042	Case Cover Assembly Touch panel assembled	\$175.00
SUB0085	Rubber Gasket, Rear Panel 10" x 6" with ESD foil	\$10.00
SUB0085-2	Gasket & Screw Set, Rear Panel 24 standard & 4 cross-drilled 8-32 S/S screw with rubber and metal washers; rear panel rubber gasket w/ ESD foil	\$35.00
SUB0235	Calibration Port Cover Assembly Includes cover, gasket & screws	\$15.00
<b>Relays, Fuses, Switches</b>		
FUS0019	Fuse, 1/4 Amp, Slo-Blo, 230 VAC Used in P/N SUB0207	\$3.00
FUS0020	Fuse, 1/2 Amp, Slo-Blo, 115 VAC Used on Main PCB Assembly	\$3.00
SUB0041	Foot Switch Non Washdown - Cable Included	\$65.00
SWI0024	Cal Switch – Red Toggle	\$10.00
<b>Columns, Knobs, Brackets</b>		
ENC0624	U Bracket Tilt Stand bracket for 8000M & 8000ISAC case	\$40.00
SUB0210-1	Knob, "U" Bracket Adjust One friction adjust knob with washer	\$8.00
SUB0211	E Mounting Brackets- *(OLD STYLE)* Connects Base to Indicator Same as Option E. If the scale base does not have drilled and tapped holes on the side, this part MUST be used.	\$40.00
SUB0455	E Mounting Brackets- *(NEW STYLE)* Connects Base to Indicator Same as Option E. If the scale base does have drilled and tapped holes on the side, this part MUST be used.	\$75.00
<b>Communication Cables</b>		
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00



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MODEL 8000 REPLACEMENT PARTS		
PART NO.	DESCRIPTION	LIST PRICE
	<b>MISC</b>	
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
HDW0042	S/S Foot Sold singly, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
LBL0082	Capacity Labels Applied to label insert card	\$5.00
LED0015	Display LED Red – Price per each	\$10.00
LED0016	4 Segment LED, Red - HLCP-E100	\$10.00
MSC0085	Scale Veils For 7000XL	\$16.00
POT0002	10K ohm Potentiometer	\$5.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0085-1	Rear Panel Screw Set 24 standard & 4 cross-drilled 8-32 S/S screws with S/S & captive rubber washers.	\$30.00
SWI0042-C	Card, Label Insert Inserted into touch panel pouch on back side	\$5.00



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## MODEL 8000IS REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
ENC0231	"U" Bracket Tilt stand bracket for use on 8000IS battery powered system indicator only. Use the standard "U" Bracket, P/N ENC0145-2 on the 8000ISAC line powered system indicator.	\$75.00
SUB0138	8000AIS Adapter Cable Connects 8000AIS AC Power Supply to 8000MIS Indicator, two (2) foot length.	\$150.00
SUB0296	8000AIS Interconnect Cable Plug Male connector	\$50.00

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MODEL 8000XL REPLACEMENT PARTS		
PART NO.	DESCRIPTION	LIST PRICE
<b>PCB Assemblies, IC's</b>		
SUB0569	Main PCB Assembly, 115 VAC Not for use on 8000MIS Intrinsically Safe Indicator.	\$485.00
SUB0569-D	Main PCB Assembly, 230 VAC Not for use on 8000MIS Intrinsically Safe Indicator.	\$505.00
<b>Touch Panels</b>		
SUB0395	Touch Panel Assembly Includes faceplate, switch assembly, and installation instructions. Not for use on 8000MIS Intrinsically Safe Indicator – refer to 8000IS Parts List.	\$115.00
SWI0105	Touch Panel Overlay - with adhesive	\$70.00
<b>Power Supplies, Batteries, Transformers, Power Cords</b>		
SUB0038-4	Battery 4 Ah, 6 Volt, lead acid, rechargeable, with terminals, and wires	\$85.00
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SJEOW, with chosorb, connector assembly, and instruction sheet; connector unassembled.	\$35.00
XFR0029	Power Transformer For use on Main PCB	\$35.00
XFR0042	Transformer for Battery Powered Main Board	\$35.00
<b>Gaskets, Housings</b>		
ENC0586	Backplate Rear cover with cord wrap bracket (w/o battery bracket or battery)	\$95.00
GSK0024	Old Style Rubber Gasket, Rear Panel 10" x 6"	\$12.00
GSK0031	New Style Rubber Gasket, Rear Panel 10" x 6"	\$12.00
SUB0235	Calibration Port Cover Assembly Includes cover, gasket & screws	\$15.00
SUB0397	Case Cover Assembly Touch panel included (Includes both SWI104-B & SWI105)	\$185.00
SUB0398	Gasket & Screw Set, Rear Panel 3 standard & 1 cross-drilled 10-32 S/S screws, rubber and metal washers and one rear panel rubber gasket.	\$14.00
SUB0399	Sealing Plug Kit	\$15.00
<b>Relays, Fuses, Switches</b>		
FUS0019	Fuse, 1 / 4 Amp, Slo-Blo 230VAC Used on Main PCB Assembly PCA0223D	\$3.00
FUS0020	Fuse, 1/2 Amp, Slo-Blo, 115 VAC Used on Main PCB Assembly PCA0223	\$3.00
SUB0041-1	Foot Switch Non Washdown – Cable Included	\$65.00
SUB0442	Calibration/Units Switch Replacement Kit Includes switches and caps	\$15.00
SWI0075	White Push Button – Cal/Units Switch	\$5.00
SWI0104-B	Inner Switch Assembly	\$70.00
SWI0106	Sealed Push Button– Cal/Units Switch	\$5.00
<b>Columns, Knobs, Brackets</b>		
ENC0585	Battery Bracket	\$20.00
ENC0624	"U" Bracket Tilt Stand bracket for 8000XLM	\$40.00
SUB0210-1	Knob, "U" Bracket Adjust One Friction adjust knob with washers	\$8.00
SUB0211	E Mounting Brackets- *(OLD STYLE)* Connects Base to Indicator Same as Option E. If the scale base does not have drilled and tapped holes on the side, this parte MUST be used.	\$40.00
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00
SUB0455	E Mounting Brackets- *(NEW STYLE)* Connects Base to Indicator Same as Option E. If the scale base does have drilled and tapped holes on the side, this part MUST be used.	\$75.00



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## MODEL 8000XL REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
<b>Communication Cables</b>		
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00
<b>MISC</b>		
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
CNT0256	Load Cell Connector/Plug	\$8.00
HDW0042	S/S Foot Sold singly, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
LBL0173-A	Capacity Labels	\$5.00
MSC0102	Scale Veils For 8000XL	\$16.00
MSC0102	5 Or More Scale Veils For 8000XL	\$14.00
MSC0164	Wireless Ethernet Option Antenna	\$30.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00

**MODEL 9000XLM REPLACEMENT PARTS**

PART NO.	DESCRIPTION	LIST PRICE
PCA0246	9000XL Main PCB Assembly 115VAC	\$615.00
SWI0110	9000XL Touch Panel With Adhesive	\$110.00
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SVT, with chosorb, connector assembly, and instruction sheet; connector unassembled	\$35.00
XFR0029	Power Transformer For use on Main PCB	\$35.00
GSK0024	Rubber Gasket, Rear Panel 10" x 6"	\$10.00
SUB0398	Gasket & Screw Set, Rear Panel 3 standard & 1 cross-drilled 10-32 S/S screws, rubber and metal washers and one rear panel rubber gasket.	\$14.00
FUS0020	Fuse, 1/2 Amp, Slo-Blo Used on Main PCB 115/VAC w/battery option	\$3.00
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
CNT0277	Load Cell Terminal Block 6 position with 2" spring clip lever	\$4.00

**MODEL 9000XLIS REPLACEMENT PARTS**

PART NO.	DESCRIPTION	LIST PRICE
ENC0623	U-Bracket Tilt stand bracket for use on 9000XLIS battery powered system indicator only. Use the standard "U" Bracket, P/N 0210-1 on the 9000XLISAC line powered system indicator.	\$75.00
SUB0407	9000AIS Adapter Cable Connects 9000AIS AC Power Supply to 9000XLMIS Indicator, two (2) foot length.	\$95.00

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**MODEL DS100 REPLACEMENT PARTS**

PART NO.	DESCRIPTION	LIST PRICE
PCA0293	Main Board with Display, AC Powered	\$150.00
SWI0136	Touchpanel Mounted to PC Board	\$45.00
XFR0035	Wall Mount Transformer, 115VAC	\$35.00
XFR0037	Wall Mount Transformer, 230VAC	\$35.00
SUB0606	U-Bracket Includes four rubber bumpers	\$25.00
SUB0607	Board Standoffs and Rear Cover Screws Includes 8 board standoffs, three Phillips head screws and one hex head cross drilled screw	\$20.00
SUB0608	Rear Load Cell / Calibration Access Panel Includes access panel and two cress drilled hex head screws	\$20.00
SUB0609	Adjustment Knobs and Washers Includes two adjustment knobs and two rubber bonded washers	\$20.00



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<b>DXL SERIES 10" x 10" REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
LC1022	(Specify Capacity) Load Cell, Type 1022 Used in 10" x 10" bases; specify capacity: 3, 5, 10, 15,20,30,35 KG; size: 5 1/8" L x 1 5/8" W * x 7/8"H *varies with capacity, 1 5/8" max.	\$136.00
LC1130	(Specify Capacity) Load Cell Type 1130 - Stainless Steel Alternative to Load Cell Type 1022 Specify capacity: 7, 15, 30 KG	\$295.00
ENC0148	Platter, 10" x 10" Stainless Steel	\$45.00
HDW0011	Bubble Level	\$8.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0535	Foot Assembly Set Rubber feet; S/S M6 and retaining nylon insert nuts. Sold in sets of 6 only	\$30.00
SUB0330-5	Spider Assembly 2 LB Stainless Steel; 4 spring assembly	\$90.00
SUB0330-1	Spider Assembly 5 LB. Stainless Steel; 4 spring assembly	\$90.00
SUB0330-3	Spider Assembly 25 AND 10 LB. Stainless Steel; 4 spring assembly	\$90.00
SUB0330-4	Spider Assembly 50 LB. Stainless Steel; 4 spring assembly	\$90.00
<b>DXL SERIES 12" x 12" REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
LC1042	(Specify Capacity) Load Cell, Type 1042 Used in 10" x 10", 12" x 12" & 15" x 15" bases; specify capacity: 3,5,10,15,30,50,75, 100 KG; urethane coated; size: 6" L x 1" W x 1 3/8" H	\$150.00
LCPW15	(Specify Capacity) Load Cell Type LCPW15 – Stainless Steel alternative to Load Cell type 1042. Specify capacity: 15, 30, 50, 75,100 KG	\$295.00
ENC0151	Platter, 12" x 12" Stainless Steel	\$65.00
HDW0011	Bubble Level	\$8.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0343-2	Spider Assembly, 50 & 100 LB 4 spring spider assembly; Stainless Steel	\$105.00
<b>DXL SERIES 15" x 15" REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
LC1042	(Specify Capacity) Load Cell, Type 1042 Used in 10" x 10", 12" x 12" & 15" x 15" bases; specify capacity: 3,5,10,15,30,50,75, 100 KG; urethane coated; size: 6" L x 1" W x 1 3/8" H	\$150.00
LCPW15	(Specify Capacity) Load Cell Type LCPW15 – Stainless Steel alternative to Load Cell type 1042. Specify capacity: 15, 30, 50, 75,100 KG	\$295.00
ENC0634	Platter, 15" x 15" Stainless Steel	\$105.00
HDW0011	Bubble Level	\$8.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0411-1	Spider Assembly, 50 LB 4 spring spider assembly; Stainless Steel	\$190.00
SUB0411-2	Spider Assembly, 100 LB 4 spring spider assembly; Stainless Steel	\$190.00
SUB0411-3	Spider Assembly, 200 LB 4 spring spider assembly; Stainless Steel	\$190.00
SUB0535	Foot Assembly Set Rubber feet; S/S M6 and retaining nylon insert nuts. Sold in sets of 6 only	\$30.00



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<b>DXL SERIES 18" x 18" REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
LC1260	(Specify Capacity) Load Cell Type 1260 – Used in DXL series 18" x 18" bases; specify capacity: 50, 75 and 150KG	\$250.00
ENC0708	Platter, 18" x 18" Stainless Steel	\$250.00
HDW0011	Bubble Level	\$8.00
HDW0042	Leveling Foot (Individual) 1/2-20; S/S screw	\$25.00
SUB0480-1	Spider Assembly, 50 LB 4 spring spider assembly; Stainless Steel	\$295.00
SUB0480-2	Spider Assembly, 100 LB 4 spring spider assembly; Stainless Steel	\$295.00
SUB0480-3	Spider Assembly, 200 and 300 LB 4 spring spider assembly; Stainless Steel	\$295.00
<b>DSP SERIES 10" x 10" &amp; 12" x 12" PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
LC1042	(Specify Capacity) Load Cell, Type 1042 Used in 10" x 10", 12" x 12" & 15" x 15" bases; specify capacity: 3,5,10,15,30,50,75, 100 KG; urethane coated; size: 6" L x 1" W x 1 3/8" H	\$150.00
CNT0176	Load Cell Cable Strain Relief	\$10.00
ENC0147	Base Enclosure 10" x 10" Stainless Steel	\$110.00
ENC0148	Platter, 10" x 10" Stainless Steel	\$45.00
ENC0150	Base Enclosure 12" x 12" Stainless Steel	\$130.00
ENC0151	Platter, 12" x 12" Stainless Steel	\$65.00
ENC0153	Load Cell Shroud Dual, Stainless Steel	\$95.00
HDW0011	Bubble Level	\$8.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
<b>DSP SERIES 18" x 18" REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
LC1250	(Specify Capacity) Load Cell, Type 1250 Used in 18" x 18", 18" x 24" & 24" x 24" bases; specify capacity: 50,100,150,200,300,500,635,1000 KG; all potted; size: 7 1/2" L x 3" W x 2 7/8" H.	\$250.00
ENC0113	Load Cell Shroud Dual. Stainless Steel	\$150.00
ENC0189	Platter 18" x 18" Stainless Steel	\$250.00
HDW0011	Bubble Level	\$8.00
HDW0042	Foot - Stainless Steel 1/2-20 UNF Thread; Sold individually	\$25.00
<b>DSP SERIES 18" x 24" &amp; 24" x 24" REPLACEMENT PARTS</b>		
<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>LIST PRICE</b>
LC1250	(Specify Capacity) Load Cell, Type 1250 Used in 18" x 18", 18" x 24" & 24" x 24" bases; specify capacity: 50,100,150,200,300,500,635,1000 KG; all potted; size: 7 1/2" L x 3" W x 2 7/8" H.	\$250.00
ENC0113	Load Cell Upper and Lower Shroud, Stainless Steel	\$150.00
ENC0126	Platter 18" x 24" Stainless Steel	\$275.00
ENC0246	Platter 24" x 24" Stainless Steel	\$300.00
HDW0011	Bubble Level	\$8.00
HDW0042	Foot - Stainless Steel 1/2-20 UNF Thread; Sold individually	\$25.00
HDW0079	Rubber Bumper Strip 1 1/4 x 1 4/8; 8 strips needed for 18"x24" and 10 strips needed for 24"x24".	\$10.00
HDW0159	Conductive Neoprene Pad Sold individually. Two per base is recommended.	\$10.00



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## DMS SERIES 18"x18", 18" x 24", & 24" x 24" REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
LC1260	(Specify Capacity) Load Cell Type 1260 – Used in DXL series 18" x 18" and DMS/DSS 18x18, 18x24 and 24x24 bases; specify capacity: 50, 75, 150, 300 and 500KG	\$250.00
DMS-TT	DMS Tower 36" High Painted Mild Steel with Handles	\$150.00
DMS-ST	DMS Tower 16" High Painted Mild Steel	\$100.00
ENC0189MS	Platter 18" x 18" Painted Mild Steel	\$225.00
ENC0126MS	Platter 18" x 24" Painted Mild Steel	\$250.00
ENC0246MS	Platter 24" x 24" Painted Mild Steel	\$250.00
HDW0011	Bubble Level	\$8.00
HDW0272	Foot, DBS 1/2-13 Sold Individually	\$6.00
HDW0079	Rubber Bumper Strip 1 1/4 x 1 4/8; 8 strips needed for 18"x24" and 10 strips needed for 24"x24".	\$10.00
HDW0159	Conductive Neoprene Pad Sold individually. Two per base is recommended.	\$10.00
MAN0011	Manual Setup and Service Manual	\$20.00

## DSS SERIES 18" x 24" & 24" x 24" REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
LC1260	(Specify Capacity) Load Cell Type 1260 – Used in DXL series 18" x 18" and DMS/DSS 18x18, 18x24 and 24x24 bases; specify capacity: 50, 75, 150, 300 and 500KG	\$250.00
ENC0113	Load Cell Upper and Lower Shroud, Stainless Steel	\$150.00
ENC0126	Platter 18" x 24" Stainless Steel	\$275.00
ENC0246	Platter 24" x 24" Stainless Steel	\$300.00
HDW0011	Bubble Level	\$8.00
HDW0263	Foot - Stainless Steel 1/2-13 UNF Thread; Sold individually	\$25.00
HDW0079	Rubber Bumper Strip 1 1/4 x 1 4/8; 8 strips needed for 18"x24" and 10 strips needed for 24"x24".	\$10.00
HDW0159	Conductive Neoprene Pad Sold individually. Two per base is recommended.	\$10.00



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MODEL 2200, 2200B and 2200CW PARTS		
PART NO.	DESCRIPTION	LIST PRICE
<b>PCB Assemblies</b>		
PCA0291	Main PCB Assembly, 115 VAC	\$495.00
PCA0294	Main PCB Assembly, 115VAC, Battery Powered	\$545.00
PCA0299	Main PCB Assembly, 230 VAC	\$515.00
PCA0300	Main PCB Assembly, 230 VAC, Battery Powered	\$565.00
PCA0303	2200CW Main PCB Assembly, 115 VAC	\$545.00
PCA0304	2200CW Main PCB Assembly, 115VAC, Battery Powered	\$595.00
PCA0305	2200CW Main PCB Assembly, 230 VAC	\$565.00
PCA0306	2200CW Main PCB Assembly, 230 VAC, Battery Powered	\$615.00
<b>Touch Panels</b>		
SUB0635	2200 Touch Panel Assembly Includes: overlay, switch, and installation instructions	\$115.00
SUB0636	2200B Touch Panel Assembly Includes: overlay, switch, and installation instructions	\$115.00
SUB0663	2200CW Touch Panel Assembly Includes: overlay, switch, and installation instructions	\$115.00
<b>Power Supplies, Transformers, Power Cords</b>		
SUB0063-1	Power Cord Shielded, 8 ft long, 18/3 SJEOV, with chosorb, connector assembly	\$35.00
XFR0027	Power Transformer, 115/230 VAC For 2200, 2200B 8pin, (SPW1202 HZ)	\$35.00
XFR0029	Power Tansformer, 115/230 VAC with Battery Power	\$35.00
<b>Gaskets, Housings</b>		
ENC0604	Backplate Rear cover, no screws	\$40.00
GSK0024	Rubber Gasket, Rear Panel	10.00
SUB0438	Gasket & Screw Set, Rear Panel Includes: 3 standard, 1 cross-drilled 10-32, and 4 rubber bonded metal washers; rear panel rubber gasket.	\$14.00
SUB0637	2200 Face Plate Only Includes faceplate and instructions.	\$65.00
SUB0638	2200B Face Plate Only Includes faceplate and instructions.	\$65.00
SUB0639	2200 Case Cover Assembly With touch panel (Backplate not included)	\$200.00
SUB0640	2200 BCase Cover Assembly With touch panel (Backplate not included)	\$200.00
<b>Relays, Fuses, Switches</b>		
FUS0019	Fuse, 1/4 Amp, Slo-Blo Used in Main PCB, 115 VAC	\$3.00
FUS0020	Fuse, 1/2 Amp, Slo-Blo Used in main PCB, 115/230VAC Battery	\$3.00
FUS0021	Fuse, 1/8 Amp, Slo-Blo Used in Main PCB, 230 VAC	\$3.00
SUB0041-1	Foot Switch Non Washdown Cable Included	\$65.00
SWI0096	Cal/Units Switch - PC Board Mount, Sealed	\$10.00
SWI0134-A	2200 Inner Switch Assembly	
SWI0134-B	2200 & 2200B Inner Switch Assembly	\$70.00
<b>Columns, Knobs, Brackets</b>		
ENC0624	U Bracket Tilt stand bracket for case.	\$40.00
SUB0210-1	Knob, "U" Bracket Adjust One Friction adjust knob with washer	\$8.00
SUB0417	14" Fixed Height Atlas Column	\$150.00
SUB0425	20" Fixed Height Atlas Column	\$250.00
SUB0426	30" Fixed Height Atlas Column	\$400.00
SUB0455	E Mounting Brackets- *(NEW STYLE)* Connects Base to Indicator Same as Option E. If the scale base does have drilled and tapped holes on the side, this part MUST be used.	\$75.00



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## MODEL 2200, 2200B and 2200CW PARTS

PART NO.	DESCRIPTION	LIST PRICE
<b>Communication Cables</b>		
EXOPT118	RS232 Serial Cable, 10 ft., Pigtail ends	\$65.00
EXOPT119	RS232 Serial Cable, 10 ft., DB9 Female	\$75.00
EXOPT148	RS232 Serial Cable, 10 ft., DB25 Female	\$75.00
<b>MISC</b>		
CNT0019	Liquid-Tite Feed Thru For load cell, power cord & option inputs	\$6.00
CNT0256	Load Cell Connector/Plug	\$8.00
HDW0042	S/S Foot Sold singly, for 18"x18" & larger bases, 1/2-20 NF Thread	\$25.00
HDW0254	Breather Vent	\$10.00
MSC0085	Scale Veils For 2200 Series	\$16.00
SUB0004-1	Foot Assembly Set Rubber feet; S/S 10-24x1" screw, set of 6 and S/S M6 screw, set of 6	\$30.00
SUB004-3	Foot Assembly Set Rubber feet; 10-24, set of 6 Old Style	\$30.00
SUB004-4	Foot Assembly Set Rubber feet; M6, set of 6 New Style	\$30.00
SUB0535	Foot Assembly Set Rubber feet; S/S Metric for 10" x 10" and 15" x 15" Sold in sets of 6 only	\$30.00



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MODEL DBS REPLACEMENT PARTS		
PART NO.	DESCRIPTION	LIST PRICE
SWI0140	Remote Switch Box - UNITS and ZERO (on/off), Stainless Steel Front Bezel, Panel Mount, includes 8' cable	\$75.00
SWI0147	Touch Panel, DS100-BM Main Display	\$50.00
SWIXXXX	Touch Panel, DS100-BM Remote Display	\$50.00
SUB0561	RS-232 Serial Data Output, with 4 wire shielded cable 10' with 9-pin FEMALE "D" connector	\$35.00
ENC0246SP	Stainless Steel Platter, 24" X 24", Straight Sided	\$300.00
HDW0272	Foot, DMS 1/2-13 Sold Individually	\$6.00



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## HAWKEYE C REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE
SWI0157	Touch Panel, 150lb Capacity	\$95.00
MSC0200	Depth Measurement Arm with Photocells installed	\$450.00
MSC0201	Width Measurement Arm with Photocells installed	\$450.00
MSC0202	Height Measurement Arm with Photocells installed	\$495.00
LBL203	Depth Colored Overlay	\$50.00
LBL204	Width Colored Overlay	\$50.00
LBL205	Height Colored Overlay	\$52.00
HDW0286	Leveling feet; price per each; sold individually (5 per base)	\$10.00
XFR0039	Plug Mount Transformer 120 VAC plug mount transformer	\$35.00
PCA0317	Main PCB Assembly	\$545.00
ENC0878	Measurement Calibration Standard	\$95.00



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FC6200 REPLACEMENT PARTS		
PART NO.	DESCRIPTION	LIST PRICE
PCA0288-FC6200	Replacement "Excel" Main PCB Assembly	\$440.00
62OPT04	Table Mount Indicator Bracket	\$75.00
ENC0623	Wall Mount Indicator Bracket	\$75.00
<i>For all other repair parts please contact the factory</i>		

**SERVICE REPAIR RATES****List Price****DORAN PCB'S - Flat Rate Refurbishment****\$ 250.00****SCALES AND METERS TO BE REPAIRED - Flat Rate****\$ 345.00****Includes 8000MIS and 9000XLMIS****SCALE REPAIRS INCLUDING A NEW MAIN PCB****\$ 450.00****SCALE REPAIRS INCLUDING A NEW ALUMINUM LOAD CELL****\$ 450.00****On 8" x 10"; 10"x 10"; 12" x 12" & 12" x 16" (LC1010, LC1022 & LC1042)****SCALE REPAIRS INCLUDING A NEW ALUMINUM LOAD CELL****\$ 585.00****On 18" x 18"; 18"x 24" & 24" x 24" (LC1250 & LC1260)****SCALE REPAIRS INCLUDING A NEW STAINLESS STEEL LOAD CELL****\$ 585.00****On 10" x 10; 12"x 12" & 12" x 16" (LCPW15)****AIS, BIS, CIS REPAIRS - FLAT RATE****\$ 230.00****Including 8000IS and 9000XLMIS****8000MIS Exchange Program****\$ 345.00****Send in your 8000MIS to be repaired and receive a refurbished 8000MIS as a replacement with a 90 day warranty****9000XLMIS Exchange Program****\$ 395.00****Send in your 9000XLMIS to be repaired and receive a refurbished 8000MIS as a replacement with a 90 day warranty****NET HOURLY RATE****\$ 85.00****PCB Refurbishment includes repair and updates. Scale refurbishment includes all PCB repairs, updates; cleaning and replacing of worn out items such as power cords, touch panels, switches and gaskets.****OUT OF WARRANTY:**

1. Flat repair rates apply to product or parts received by Doran Scales Inc. Board subject to PCB flat rate repair and meters or complete scales subject to flat rate **SCALE** repair.
2. Doran Scales offers a flat rate charge to repair PCB's that are out of warranty. Contact our Service Department for prices, which are subject to Discount Schedule C.
3. If a Dealer does not authorize service work after Doran makes a cost estimate, the following Evaluation Charges will apply: PCB, Scale or Base - \$85.00
4. The dealer is responsible for all shipping charges.
5. Reconditioning a PCB is at the discretion of Doran Service personnel. If a PCB has been determined not fit for use, the Dealer will be contacted for instructions.



## **RETURN POLICIES:**

1. Printed Circuit Board (PCB) returns must be packed in protective anti-static packaging. We will not be able to repair any boards not returned in anti-static packaging. ESD bags can be ordered from Doran Scales.
2. Items returned must be the original scale components as proven by Doran production data sheets. The only exception is if Doran has an RMA record that indicates the item was replaced previously under warranty.
3. To verify warranty, dealers must provide the scale serial number on the item(s) they repair.
4. If no defect is found on a returned part, Doran will consult with the Dealer before returning as "No Problem Found"
5. There is no reimbursement for any component out of warranty.
6. Reimbursement will not be given for "zero shifted" Load Cells, which is defined as having greater than 20% of maximum signal voltage for a zero reading.
7. One (1) hour maximum warranty reimbursement for PCB or Load Cell replacement is allowed.
8. Mileage reimbursement for one customer visit will be given if failures are within 30 days of warranty, within a 50 mile radius and at 29 cents a mile. For reimbursement Doran must be able to reproduce the failure.

## **RETURN MATERIAL AUTHORIZATION (RMA):**

1. All returns must have an RMA number assigned before returning to Doran Scales. Not having a RMA number will slow down the service process.
2. Record a brief description of the functional problems you or the end user experience on the returned paperwork.
3. If the customer needs the unit quickly, please indicate this on the paperwork. Doran Scales's standard lead-times are 5 working days for warranty repairs, and 15 working days for non-warranty repairs. All lead times are from the time Doran physically receives the item to the time Doran ships the repair back.