



doran[®]

2022 DORAN SCALES PRICING CATALOG





DORAN'S ADDRESS

883 Enterprise Court
St. Charles, Illinois 60174

TECHNICAL SUPPORT / RETURNS

630.879.1288 | tech@doranscales.com

SALES

630.879.1208 | sales@doranscales.com

PLEASE EMAIL ORDERS TO

orders@doranscales.com

Bench Scale Systems

7000XL Series SS Bench Scale	6
2200 Series SS Bench Scale	12
2200CW Series SS Checkweigher Scale	19
4300 Series SS Checkweigher Scale	27
7400 Series SS Bench Scale	34
1200 Series MS Bench Scale	38
MVP Series MS Bench Scale	40
550 Series SS Bench Scale	43
PC-400 Series SS Bench Scale	45

Intrinsically Safe Indicators

8100IS Intrinsically Safe Indicator	48
8200IS Intrinsically Safe Indicator	50

Bases

DSS Series SS Scale Base	54
DXL Series SS Scale Base	57
DMS Series MS Scale Base	59

Dockage Scale

GrainGrader	64
-------------------	----

Airline Baggage Scales

Low-Profile Baggage Scale	68
Recess Mount Baggage Scale	68
Curbside Baggage Scale	68

Weighing Systems

FC6300 Series Formula Control Scale	72
BC6500 Series Bulk Control Indicator	76
QC Weigh Data Collection Software	78
CheckWay Data Collection Software	80
Dimension Indicator Configuration Software	81
Performance ID Data Collection Software	82
Excelerator Data Collection Software	83
WARRANTIES	84
TERMS & CONDITIONS	90

FEATURED PRODUCT



UL Certified Intrinsically Safe. Versatile indicator for hazardous locations.

8100IS AND 8200IS INTRINSICALLY SAFE INDICATORS

With precision engineering and exceptional build quality, the Doran 8100IS and the Doran 8200IS meet the latest UL testing standards for intrinsically safe equipment in explosive environments – where there is exposure to flammable gases; flammable or combustible liquid-produced vapors; combustible dusts or ignitable fibers; or flyings.

SEE PAGES 48 & 50

Advanced engineering. Practical advantages.

1200 MS SCALE

The 1200 MS was designed as a fully-integrated weighing system with components that act as a defense against the damaging effects of shock, abuse, and other environmental factors — reducing production downtime.

[SEE PAGE 38](#)



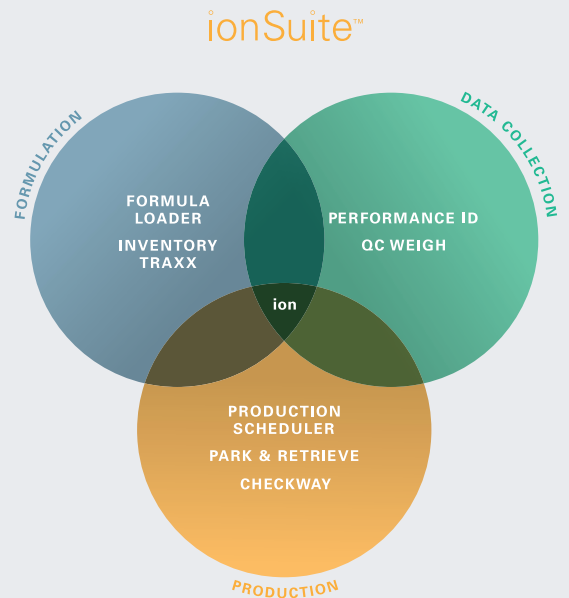
FEATURED PRODUCT



Specialized software. Scalable solutions.

IONSUITE™ SOFTWARE

With innovative features and best-in-class performance, Doran ionSuite is designed to lower costs, achieve plant-wide efficiencies and ensure employee accountability. Maintain total control at every step of the production process — from formulation through packaging and traceability — to accurately project financial return on every batch.



Bench Scale Systems

7000XL Series SS Bench Scale

2200 Series SS Bench Scale

2200CW Series SS Checkweigher Scale

4300 Series SS Checkweigher Scale

7400 Series SS Bench Scale

1200 Series MS Bench Scale

MVP Series MS Bench Scale

550 Series SS Bench Scale

PC-400 Series SS Bench Scale

7000XL SERIES

SS Bench Scale

KEY FEATURES

Indicator

- Built in America
- 304 stainless steel construction
- IP69K washdown protection
- Bright red, 0.8" tall 6 digit LED display
- Units of measure: lb, kg, oz, g, or lb:oz
- Legal for trade in US and Canada
- Dimension configuration software
- Programmable custom data strings

Scale Base

- 304 stainless steel construction
- Quad-Spring base design provides 1000% overload protection in scale bases from 8" x 8" to 15" x 15"
- Six-point overload protection in bases 18" x 18" and larger provides 300% overload protection
- Available in multiple configuration options (shown here with 20" column)



SPECIFICATIONS

Warranty:	Two Years
Power Input:	100 - 240VAC 50/60Hz
Optional Battery:	Internal rechargeable battery, 60 hrs. of continuous use
Optional Communication Interfaces:	Ethernet, WiFi-802.11b/g, USB, Bluetooth, or 4-20 mA
Resolution Range:	200d to 50,000d
Number of Load Cells:	Up to 8, 350 Ohm
Serial Interface:	Two Bi-directional RS-232 ports
Controls:	Zero, Units, and Print
Digital I/O:	Two remote switch inputs
Temperature Range:	14° to 140° F (-10° to 40° C)
Analog Sensitivity:	0.16 μ V/e min., 0.5 μ V/e typical
System Linearity:	0.01% full scale
Analog Signal Range:	-0.5 mV/V to 5mV/V 4 & 6 wire input
Excitation Voltage:	5 VDC

APPROVALS

U.S. Legal for Trade - NTEP

Indicator

99-129A4 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



Canadian Legal for Trade - Measurement Canada

Indicator

AM-5347 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# AM-5241 (5000d)

Bases 18" x 18" to 24" x 24"

CC# AM-5926 (5000d)



SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Indicator Only					
7000XLM					\$795
With U-Bracket					
7002XL/88 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,470
7005XL/88	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,470
7010XL/88	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,470
7025XL/88	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,470
7002XL ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,485
7005XL	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,485
7010XL	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,485
7025XL	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,485
7050XL	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,485
7025XL/12	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,595
7050XL/12	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,595
7100XL/12	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,595
7050XL/15	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,915
7100XL/15	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,915
7200XL/15	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,915
7100XL/18S	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,190
7250XL/18S	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,190
7500XL/18S	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,190
7250XL/1824	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,410
7500XL/1824	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,410
7250XL/2424	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$2,770
7500XL/2424	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$2,770
71000XL/2424	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,770
With Attachment Bracket - Ships Attached					
7002XL/88-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,580
7005XL/88-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,580
7010XL/88-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,580
7025XL/88-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,580
7002XL-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,595
7005XL-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,595
7010XL-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,595
7025XL-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,595
7050XL-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,595
7025XL/12-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,705
7050XL/12-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,705
7100XL/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,705



7000XL SERIES

SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
With 14" Column - Ships Attached					
7002XL-C14 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,705
7005XL-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,705
7010XL-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,705
7025XL-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,705
7050XL-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,705
7025XL/12-C14	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,815
7050XL/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,815
7100XL/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,815
7050XL/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,135
7100XL/15-C14	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,135
7200XL/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,135
With 20" Column - Ships Separately					
7050XL/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,210
7100XL/15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,210
7200XL/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,210
7100XL/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,485
7250XL/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,485
7500XL/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,485
7250XL/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,705
7500XL/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,705
7250XL/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$3,065
7500XL/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$3,065
71000XL/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$3,065
PFS Series SS Portable Floor Scale with the 7000XLM Indicator					
7250XL-PFS	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$4,670
7500XL-PFS	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$4,670
71000XL-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$4,670




NOTE ¹ Not Legal for Trade

SS Bench Scale

CALIBRATION OPTIONS

Super Precision Calibration (Part#: EXOPT310-BB-CCLB).....	\$45
Scales will be factory calibrated to 10,000d upgraded with high resolution load cell.	
Note: BB is D7 8x8, 10x10; D8 for 12x12; D9 for 15x15; DS for 18x18, 18x24 and 24x24 bases.	
CC is base capacity in LB.	

POWER OPTIONS

 Internal Rechargeable Battery (Part#: EXOPT308).....	\$110
Provides a truly portable and versatile digital bench scale. The rechargeable battery provides up to 60 hours of continuous use.	
External 6-12VDC Power (Part#: EXOPT307).....	\$200
Includes: 2 pin in-line connector on a 6" length of cable with the mating connector attached to a 21" length of two conductor cable. Connectors have a washdown rating of IP68.	

COMMUNICATIONS & DATA OUTPUT OPTIONS

Bluetooth Internal Communications & USB Adapter ^{1,2} (Part#: EXOPT300).....	\$220
Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver USB Adapter. Can be combined with USB Option (EXOPT304)	
Internal Bluetooth Communications Only ^{1,2} (Part#: EXOPT301).....	\$150
Includes: Internal class 3 Bluetooth communication option	
Ethernet - Wired ^{1,2} (Part#: EXOPT302).....	\$395
Includes: Internal Ethernet interface board with sealed RJ45 connector on the back of the scale. Can be combined with USB and 4-20mA options.	
Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150).....	\$65
Includes: One NEMA4X connector to mate to the connector on the back of the scale. Installs on customer supplied cable. Requires a RJ45 cable crimping tool.	
Ethernet - Wireless 802.11b/g ^{1,2} (Part#: EXOPT303).....	\$395
Includes: Internal Ethernet interface board and a 3.5" long flexible antenna with a NEMA4X bulkhead mount on back of meter. Can be combined with USB Option.	
USB Communications ¹ (Part#: EXOPT304).....	\$195
Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on side of meter with a NEMA 4X sealing cap. For scales used in wet environment, choose one the following USB Waterproof Cables (IP67 and NEMA 4X Rated). This option can be combined with Ethernet, Wireless Ethernet, Bluetooth and 4-20mA options.	
USB Waterproof Cable, 10 Feet Long (IP67 Rated) (Part#: EXOPT305).....	\$90
USB Internal Cable for Wired Ethernet (EXOPT302), Wifi (EXOPT303) and Bluetooth (EXOPT301) options (Part#: WCB0261).....	\$30
USB Bulkhead Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311).....	\$105
Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.	
4-20mA Analog Output ² (Active Only) Option (Part#: EXOPT306).....	\$195
Includes: Internal 4-20mA interface board (12-bit accuracy) & 12 feet of cable. This option can be combined with the USB Interface Option and Ethernet Option.	

NOTES ¹ This option is not field installable, call Doran for more details.

² The following combination of Communication & Data Options are possible:

- a.** Wired Ethernet + 4-20 + USB **b.** Bluetooth + USB **c.** Wireless Ethernet + USB

7000XL SERIES

SS Bench Scale

COLUMN OPTION

Upgrade from 20" to 30" Atlas Column (Part#: EXOPT134) \$175

SCALE VEIL

Clear protective scale veil (Pack of 3) (Part#: SUB0852) \$42

SERIAL DATA COMMUNICATIONS OPTIONS

RS-232 Serial Data Output, 10 ft. long cable, 9 pin FEMALE D connector (Scale to PC Connection) (Part#: EXOPT119) \$75

RS-232 Serial Data Output, 10 ft. long cable, 9 pin MALE D connector (Scale to Printer Connection) (Part#: EXOPT148) \$75

NOTE Serial data output default settings are 9600 baud, 8 bits, no parity, and one stop bit.

LOAD CELL OPTIONS

Stainless Steel Load Cell for 8" x 8", 10" x 10" Base (Part#: EXOPT136-CCLB) \$295
2 lb capacity is not supported by this option

Stainless Steel Load Cell for 12" x 12" Base (Part#: EXOPT137-CCLB) \$295

Stainless Steel Load Cell for 15" x 15" Base (Part#: EXOPT138-CCLB) \$295

Stainless Steel Load Cell for 18" x 18", 18" x 24", or 24" x 24" Base (Part#: EXOPT179-CCLB) \$550

NOTE Stainless steel load cell options are not recommended for 10,000d resolution. Cannot be used in Legal for Trade applications. CC is scale capacity in LB. This applies to entire Load Cell options section.

PRINTER OPTIONS

Barcode Label Printer (Part#: PRT0350-C) \$600
Thermal label printer includes scale to printer cable. Washdown stainless steel enclosure available – call for quote.

Custom Label Formatting (Part#: CUSTOM-LABEL) \$215
Formatting for one label. Complex labels may require an additional charge.

Impact Printer (Part#: PRT0351-C) \$600
Paper tape printer includes scale to printer cable.

SS Bench Scale

DATA COLLECTION AND MANAGEMENT SOFTWARE

This scale is compatible with the following software. See the Weighing Systems section for more details.

Excelsior Data Collection Software (Part#: SFT0001).....	\$795
Dimension Indicator Configuration Software (Part#: SFT0017).....	\$45

REMOTE SWITCH OPTIONS

Standard Remote Switch, configured for remote ZERO (non-washdown) (Part#: EXOPT115)	\$90
Standard Remote Switch, configured for remote PRINT (non-washdown) (Part#: EXOPT116)	\$90
Standard Remote Switch, configured for remote UNITS (non-washdown) (Part#: EXOPT117)	\$90

NOTE All switches include a 10 foot long cable. Dimensions of standard switch are 3-1/2" x 2-5/8" x 1"

QUICK DISCONNECT OPTIONS

Load Cell Cable Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT140).....	\$198
8 pin bulkhead mount on the back of the indicator & the mating connector is attached to the load cell cable.	
Remote Switch Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT141).....	\$198
4 pin bulkhead mount on the back of the indicator & the mating connector is attached to the remote switch cable. Does NOT include the remote switch.	
Serial Cable (DB9 - Female) Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT172).....	\$198
6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 10' long serial cable, the other end has a DB9 female connector.	
Serial Cable (DB9 - Male) Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT174).....	\$198
6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 10' long serial cable, the other end has a DB9 male connector.	

NOTE Quick disconnect options are not field installable, call Doran for more details.

EXTRA HOLE

Drill Extra Hole in Backplate (Part#: EXOPT316)	\$150
Required for multiple RS-232 communication options and remote switches. Consult factory when ordering multiple communication options.	

SS Bench Scale

KEY FEATURES

Indicator

- 800 Product ID's and eight Setpoint Outputs
- Full Function Keypad
- Powerful System Control Features
- Advanced Communications and Control
- 304 stainless steel construction
- IP69K washdown protection
- Available in multiple configuration options (shown here with U-bracket)

Scale Base

- 304 stainless steel construction
- Quad-Spring base design provides 1000% overload protection in scale bases from 8" x 8" to 15" x 15"
- Six-point overload protection in bases 18" x 18" and larger provides 300% overload protection



SPECIFICATIONS

Warranty:	Two Years
Power Input:	100 - 240VAC 50/60Hz
Optional Battery:	Internal rechargeable battery, 60 hrs. of continuous use
Optional Communication Interfaces:	Ethernet, WiFi-802.11b/g, USB, Bluetooth, or 4-20 mA
Resolution Range:	200d to 50,000d
Number of Load Cells:	Up to 8, 350 Ohm
Serial Interface:	Two Bi-directional RS-232 ports
Controls:	Tare, Gross/Net, Zero, Print, Units, Accum, Id, Clear, Enter, Set Point, Decimal Point, and Numeric Keypad 0-9
Digital I/O:	Two remote switch inputs, eight digital outputs
Temperature Range:	14° to 140° F (-10° to 40° C)
Analog Sensitivity:	0.16 μ V/e min., 0.5 μ V/e typical
System Linearity:	0.01% full scale
Analog Signal Range:	-0.5 mV/V to 5mV/V 4 & 6 wire input
Excitation Voltage:	5 VDC

APPROVALS

U.S. Legal for Trade - NTEP

Indicator

CC# 06-101 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



Canadian Legal for Trade - Measurement Canada

Indicator

CC# AM-5617 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Indicator Only					
2200					\$850
With U-Bracket					
22002/88 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,525
22005/88	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,525
22010/88	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,525
22025/88	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,525
22002 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,540
22005	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,540
22010	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,540
22025	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,540
22050	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,540
22025/12	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,650
22050/12	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,650
22100/12	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,650
22050/15	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,970
22100/15	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,970
22200/15	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,970
22100/18S	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,245
22250/18S	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,245
22500/18S	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,245
22250/1824	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,465
22500/1824	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,465
22250/2424	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$2,825
22500/2424	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$2,825
221000/2424	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,825
With Attachment Bracket - Ships Attached					
22002/88-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,635
22005/88-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,635
22010/88-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,635
22025/88-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,635
22002-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,650
22005-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,650
22010-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,650
22025-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,650
22050-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,650
22025/12-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,760
22050/12-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,760
22100/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,760



2200 SERIES

SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
With 14" Column - Ships Attached					
22002-C14 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,760
22005-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,760
22010-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,760
22025-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,760
22050-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,760
22025/12-C14	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,870
22050/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,870
22100/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,870
22050/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,190
22100/15-C14	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,190
22200/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,190
With 20" Column - Ships Separately					
22050/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,265
22100/15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,265
22200/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,265
22100/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,540
22250/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,540
22500/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,540
22250/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,760
22500/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,760
22250/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$3,120
22500/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$3,120
221000/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$3,120
PFS Series SS Portable Floor Scale with the 2200 Indicator					
22250-PFS	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$4,725
22500-PFS	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$4,725
221000-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$4,725



NOTE ¹ Not Legal for Trade

SS Bench Scale

POWER OPTIONS



Internal Rechargeable Battery (Part#: EXOPT319) \$110
 Provides a truly portable and versatile digital bench scale. The rechargeable battery provides up to 60 hours of continuous use.

External 6-12VDC Power (Part#: EXOPT307) \$200
 Includes: 2 pin in-line connector on a 6" length of cable with the mating connector attached to a 21" length of two conductor cable. Connectors have a washdown rating of IP68.

QUICK DISCONNECT OPTIONS

Load Cell Cable Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT140) \$198
 8 pin bulkhead mount on the back of the indicator & the mating connector is attached to the load cell cable.

Remote Switch Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT141) \$198
 4 pin bulkhead mount on the back of the indicator & the mating connector is attached to the remote switch cable. Does NOT include the remote switch.

Serial Cable (DB9 - Female) Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT172) \$198
 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 10' long serial cable, the other end has a DB9 female connector.

Serial Cable (DB9 - Male) Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT174) \$198
 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 10' long serial cable, the other end has a DB9 male connector.

Barcode Scanner Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT185) \$298
 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to included 10' barcode scanner cable (Barcode scanner is not included).

NOTE *This option is not field installable, call Doran for more details.

REMOTE SWITCH OPTIONS

Standard Remote Switch, configured for remote ZERO (non-washdown) (Part#: EXOPT115) \$90

Standard Remote Switch, configured for remote PRINT (non-washdown) (Part#: EXOPT116) \$90

Standard Remote Switch, configured for remote UNITS (non-washdown) (Part#: EXOPT117) \$90

PRINTER OPTIONS

Barcode Label Printer (Part#: PRT0350-C) \$600
 Thermal label printer includes scale to printer cable. Washdown stainless steel enclosure available – call for quote

Custom Label Formatting (Part#: CUSTOM-LABEL) \$215
 Formatting for one label. Complex labels may require an additional charge.

Impact Printer (Part#: PRT0351-C) \$600
 Paper tape printer includes scale to printer cable.

DATA COLLECTION AND MANAGEMENT SOFTWARE

This scale is compatible with the following software. See the Weighing Systems section for more details.

Excelerator Data Collection Software (Part#: SFT0001) \$795

Dimension Indicator Configuration Software (Part#: SFT0017) \$45

SS Bench Scale

RELAY OPTIONS - INTERNAL

Internal Relay Option (Part#: EXOPT106) \$255
 Includes: Internal relay board, with sockets to accept up to four relays. Also includes an attached six foot long cable with color-coded leads. Relays can be configured as normally open or closed.

NOTES - One or more of the following relays must be ordered with this option.
 - This option CAN NOT be ordered with the Internal Rechargeable Battery option.

Mechanical Relay (Part#: EXOPT317) \$55
 10 Amp - 250VAC/30VDC (12V Coil)

Solid State Relay - AC (Part#: EXOPT109) \$55
 2 Amp - 100-240VAC

Solid State Relay - DC (Part#: EXOPT110) \$55
 2 Amp - 5-48VDC

RELAY OPTIONS - EXTERNAL

External Relay Option (Part#: EXOPT107) \$375
 Includes: 10" x 7" housing with 5 volt power supply and DIN rail to accommodate up to 8 mechanical or solid state relays. Relays can be configured as normally open or closed. One or more of the following external relays must be ordered with this option.

NOTES - One or more of the following relays must be ordered with this option.
 - This option CAN NOT be ordered with the Internal Rechargeable Battery option.

Mechanical Relay with DIN mount terminal socket (Part#: EXOPT196) \$50
 10 Amp - 250VAC/30VDC (6V Coil)

Solid State Relay- AC with DIN mount terminal socket (Part#: EXOPT112) \$65
 2 Amp - 100-240VAC

Solid State Relay - DC with DIN mount terminal socket (Part#: EXOPT113) \$65
 2 Amp - 5-48VDC

SERIAL DATA COMMUNICATIONS OPTIONS

RS-232 Serial Data Output, 10 ft. long cable, 9 pin FEMALE D connector (Scale to PC Connection)¹ (Part#: EXOPT119) \$75

RS-232 Serial Data Output, 10 ft. long cable, 9 pin MALE D connector (Scale to Printer Connection)¹ (Part#: EXOPT148) \$75

NOTE RS232 Options can not be ordered with the following options: RS485 Serial Data Output, Ethernet Wired or Wireless, Fiber Optic Interface, USB Interface, or Bluetooth

LOAD CELL OPTIONS

Stainless Steel Load Cell² for 8" x 8", 10" x 10" Base (Part#: EXOPT136-CCLB) \$295
 2 lb capacity is not supported by this option

Stainless Steel Load Cell² for 12" x 12" Base (Part#: EXOPT137-CCLB) \$295

Stainless Steel Load Cell² for 15" x 15" Base (Part#: EXOPT138-CCLB) \$295

Stainless Steel Load Cell for 18" x 18", 18" x 24", or 24" x 24" Base (Part#: EXOPT179-CCLB) \$550

NOTES ¹ Serial data output default settings are 9600 baud, 8 bits, no parity, and one stop bit.
² Stainless steel load cell options are not recommended for Super Precision resolution.
 CC is scale capacity in LB. This applies to entire Load Cell options section.

SS Bench Scale

CALIBRATION OPTIONS

Super Precision Calibration (Part#: EXOPT310-BB-CCLB).....	\$45
Scales will be factory calibrated to 10,000d upgraded with high resolution load cell.	
Note: BB is D7 8x8, 10x10; D8 for 12x12; D9 for 15x15; DS for 18x18, 18x24 and 24x24 bases.	
CC is base capacity in LB.	

SCALE VEIL

Clear protective scale veil (Pack of 3) (Part#: SUB0852).....	\$42
---	------

COMMUNICATIONS & DATA OUTPUT OPTIONS

Bluetooth Internal Communications & USB Adapter ^{1,2} (Part#: EXOPT300).....	\$220
Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver USB Adapter. Can be combined with USB Option (EXOPT304)	
Internal Bluetooth Communications Only ^{1,2} (Part#: EXOPT301).....	\$150
Includes: Internal class 3 Bluetooth communication option	
Ethernet - Wired ^{1,2} (Part#: EXOPT302).....	\$395
Includes: Internal Ethernet interface board with sealed RJ45 connector on the back of the scale. Can be combined with USB and 4-20mA options.	
Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150).....	\$65
Includes: One NEMA4X connector to mate to the connector on the back of the scale. Installs on customer supplied cable. Requires a RJ45 cable crimping tool.	
Ethernet - Wireless 802.11b/g ^{1,2} (Part#: EXOPT303).....	\$395
Includes: Internal Ethernet interface board and a 3.5" long flexible antenna with a NEMA4X bulkhead mount on back of meter. Can be combined with USB Option.	
USB Communications ¹ (Part#: EXOPT304).....	\$195
Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on side of meter with a NEMA 4X sealing cap. For scales used in wet environment, choose one the following USB Waterproof Cables (IP67 and NEMA 4X Rated). This option can be combined with Ethernet, Wireless Ethernet, Bluetooth and 4-20mA options.	
USB Waterproof Cable, 10 Feet Long (IP67 Rated) (Part#: EXOPT305).....	\$90
USB Internal Cable for Wired Ethernet (EXOPT302), Wifi (EXOPT303) and Bluetooth (EXOPT301) options (Part#: WCB0261).....	\$30
USB Bulkhead Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311).....	\$105
Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.	
4-20mA Analog Output ² (Active Only) Option (Part#: EXOPT306).....	\$195
Includes: Internal 4-20mA interface board (12-bit accuracy) & 12 feet of cable. This option can be combined with the USB Interface Option and Ethernet Option.	

- NOTES**
1. This option is not field installable, call Doran for more details.
 2. The following combination of Communication & Data Options are possible:
 - a. Wired Ethernet + 4-20 + USB
 - b. Bluetooth + USB
 - c. Wireless Ethernet + USB

COLUMN OPTIONS

Upgrade from 20" to 30" Atlas Column (Part#: EXOPT134).....	\$175
---	-------

SS Bench Scale

GENERAL DUTY BARCODE SCANNER

General Duty Barcode Scanner (Part#: EXOPT178) \$650
 Includes: Handheld barcode wand with 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 12' long cable.

NOTE This option CAN NOT be ordered with Internal Rechargeable Battery option.

HEAVY DUTY BARCODE SCANNER

Heavy Duty Barcode Scanner (Part#: EXOPT177) \$1,150
 Includes: Handheld barcode wand with 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 12' long cable.

NOTE This option CAN NOT be ordered with Internal Rechargeable Battery option.



BARCODE SCANNER COMPARISON CHART

	TEMP. RATING	MECH. SHOCK RATING	ESD PROTECTION	WATER & DUST PROTECTION	SCAN WIDTH	RESOLUTION	PRINT CONTRAST
EXOPT178	32° to 113° F	Withstands 10 five foot drops to concrete	Functional after 15kV discharge	IP42	4" width at 5" from label	5 mils	25% or higher
EXOPT177	-22° to 122° F	Withstands 50 six and a half foot drops to concrete	Functional after multiple 25kV discharge	IP65	6" width at 7" from label	4 mils	20% or greater

EXTRA HOLE

Drill Extra Hole in Backplate (Part#: EXOPT316) \$150
 Required for multiple RS-232 communication options and remote switches.
 Consult factory when ordering multiple communication options.

SS Checkweigher Scale



KEY FEATURES

Indicator

- 800 product ID's memory
- 200 user ID's
- Checkweigh with 3 or 5 zone checkweighing operations
- 304 stainless steel construction
- IP69K washdown protection
- Units of measure: lb, kg, oz, g, or lb:oz
- Eight outputs

Scale Base

- 304 stainless steel construction
- Quad-Spring base design provides 1000% overload protection in scale bases from 8" x 8" to 15" x 15"
- Six-point overload protection in bases 18" x 18" and larger provides 300% overload protection
- Available in multiple configuration options (shown here with 14" column)

SPECIFICATIONS

Warranty:	Two Years
Power Input:	100 - 240VAC 50/60Hz
Optional Battery:	Internal rechargeable battery, 60 hrs. of continuous use
Optional Communication Interfaces:	Ethernet, WiFi-802.11b/g, USB, Bluetooth, or 4-20 mA
Resolution Range:	200d to 50,000d
Number of Load Cells:	Up to 8, 350 Ohm
Serial Interface:	Two Bi-directional RS-232 ports
Controls:	Tare, Gross/Net, Zero, Print, Units, Accum, Clear Prod Id, Set Point, Over, Under, Enter, Decimal Point, and Numeric Keypad 0-9
Digital I/O:	Two remote switch inputs, eight digital outputs
Temperature Range:	14° to 140° F (-10° to 40° C)
Analog Sensitivity:	0.16 μ V/e min., 0.5 μ V/e typical
System Linearity:	0.01% full scale
Analog Signal Range:	-0.5 mV/V to 5mV/V 4 & 6 wire input
Excitation Voltage:	5 VDC

APPROVALS

U.S. Legal for Trade - NTEP

Indicator

CC# 06-101 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



Canadian Legal for Trade - Measurement Canada

Indicator

AM-5617 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



SS Checkweigher Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Indicator Only					
2200CW					\$910
With U-Bracket					
2202CW/88 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,585
2205CW/88	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,585
2210CW/88	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,585
2225CW/88	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,585
2202CW ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,600
2205CW	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,600
2210CW	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,600
2225CW	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,600
2250CW	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,600
2225CW/12	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,710
2250CW/12	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,710
22100CW/12	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,710
2250CW/15	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,030
22100CW/15	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,030
22200CW/15	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,030
22100CW/18S	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,305
22250CW/18S	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,305
22500CW/18S	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,305
22250CW/1824	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,525
22500CW/1824	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,525
22250CW/2424	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$2,885
22500CW/2424	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$2,885
221000CW/2424	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,885
With Attachment Bracket - Ships Attached					
2202CW/88-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,695
2205CW/88-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,695
2210CW/88-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,695
2225CW/88-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,695
2202CW-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,710
2205CW-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,710
2210CW-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,710
2225CW-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,710
2250CW-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,710
2225CW/12-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,820
2250CW/12-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,820
22100CW/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,820



SS Checkweigher Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
With 14" Column - Ships Attached					
2202CW-C14 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,820
2205CW-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,820
2210CW-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,820
2225CW-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,820
2250CW-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,820
2225CW/12-C14	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,930
2250CW/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,930
22100CW/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,930
2250CW/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,250
22100CW/15-C14	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,250
22200CW/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,250



With 20" Column - Ships Separately					
2250CW/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,325
22100CW/15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,325
22200CW/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,325
22100CW/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,600
22250CW/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,600
22500CW/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,600
22250CW/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,820
22500CW/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,820
22250CW/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$3,180
22500CW/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$3,180
221000CW/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$3,180



PFS Series SS Portable Floor Scale with the 2200CW Indicator					
22250CW-PFS	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$4,785
22500CW-PFS	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$4,785
221000CW-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$4,785



NOTE ¹ Not Legal for Trade

SS Checkweigher Scale

CALIBRATION OPTIONS

Super Precision Calibration (Part#: EXOPT310-BB-CCLB).....	\$45
Scales will be factory calibrated to 10,000d upgraded with high resolution load cell.	
Note: BB is D7 8x8, 10x10; D8 for 12x12; D9 for 15x15; DS for 18x18, 18x24 and 24x24 bases.	
CC is base capacity in LB.	

COLUMN AND BRACKET OPTIONS

Upgrade from 20" to 30" Atlas Column (Part#: EXOPT134).....	\$175
---	-------

SCALE VEIL

Clear protective scale veil (Pack of 3) (Part#: SUB0852).....	\$42
---	------

COMMUNICATIONS & DATA OUTPUT OPTIONS

Bluetooth Internal Communications & USB Adapter ^{1,2} (Part#: EXOPT300).....	\$220
Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver USB Adapter. Can be combined with USB Option (EXOPT304)	
Internal Bluetooth Communications Only ^{1,2} (Part#: EXOPT301).....	\$150
Includes: Internal class 3 Bluetooth communication option	
Ethernet - Wired ^{1,2} (Part#: EXOPT302).....	\$395
Includes: Internal Ethernet interface board with sealed RJ45 connector on the back of the scale. Can be combined with USB and 4-20mA options.	
Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150).....	\$65
Includes: One NEMA4X connector to mate to the connector on the back of the scale. Installs on customer supplied cable. Requires a RJ45 cable crimping tool.	
Ethernet - Wireless 802.11b/g ^{1,2} (Part#: EXOPT303).....	\$395
Includes: Internal Ethernet interface board and a 3.5" long flexible antenna with a NEMA4X bulkhead mount on back of meter. Can be combined with USB Option.	
USB Communications ¹ (Part#: EXOPT304).....	\$195
Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on side of meter with a NEMA 4X sealing cap. For scales used in wet environment, choose one the following USB Waterproof Cables (IP67 and NEMA 4X Rated). This option can be combined with Ethernet, Wireless Ethernet, Bluetooth and 4-20mA options.	
USB Waterproof Cable, 10 Feet Long (IP67 Rated) (Part#: EXOPT305).....	\$90
USB Internal Cable for Wired Ethernet (EXOPT302), Wifi (EXOPT303) and Bluetooth (EXOPT301) options (Part#: WCB0261).....	\$30
USB Bulkhead Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311).....	\$105
Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.	
4-20mA Analog Output ² (Active Only) Option (Part#: EXOPT306).....	\$195
Includes: Internal 4-20mA interface board (12-bit accuracy) & 12 feet of cable. This option can be combined with the USB Interface Option and Ethernet Option.	

NOTES ¹ This option is not field installable, call Doran for more details.
² The following combination of Communication & Data Options are possible:
a. Wired Ethernet + 4-20 + USB **b.** Bluetooth + USB **c.** Wireless Ethernet + USB

SS Checkweigher Scale

RELAY OPTIONS - INTERNAL

Internal Relay Option (Part#: EXOPT106) \$255
 Includes: Internal relay board, with sockets to accept up to four relays. Also includes an attached six foot long cable with color-coded leads. Relays can be configured as normally open or closed.

NOTES - One or more of the following relays must be ordered with this option.
 - This option CAN NOT be ordered with the Internal Rechargeable Battery option.

Mechanical Relay (Part#: EXOPT317) \$55
 10 Amp - 250VAC/30VDC (12V Coil)

Solid State Relay- AC (Part#: EXOPT109) \$55
 2 Amp - 100-240VAC

Solid State Relay - DC (Part#: EXOPT110) \$55
 2 Amp - 5-48VDC

RELAY OPTIONS - EXTERNAL

External Relay Option (Part#: EXOPT107) \$375
 Includes: 10" x 7" housing with 5 volt power supply and DIN rail to accommodate up to 8 mechanical or solid state relays. Relays can be configured as normally open or closed. One or more of the following external relays must be ordered with this option.

NOTES - One or more of the following relays must be ordered with this option.
 - This option CAN NOT be ordered with the Internal Rechargeable Battery option.

Mechanical Relay with DIN mount terminal socket (Part#: EXOPT196) \$50
 10 Amp - 250VAC/30VDC (6V Coil)

Solid State Relay - AC with DIN mount terminal socket (Part#: EXOPT112) \$65
 2 Amp - 100-240VAC

Solid State Relay - DC with DIN mount terminal socket (Part#: EXOPT113) \$65
 2 Amp - 5-48VDC

SERIAL DATA COMMUNICATIONS OPTIONS

RS-232 Serial Data Output, 10 ft. long cable, 9 pin FEMALE D connector (Scale to PC Connection)¹ (Part#: EXOPT119) \$75

RS-232 Serial Data Output, 10 ft. long cable, 9 pin MALE D connector (Scale to Printer Connection)¹ (Part#: EXOPT148) \$75

LOAD CELL OPTIONS

Stainless Steel Load Cell² for 8" x 8", 10" x 10" Base (Part#: EXOPT136-CCLB) \$295
 2 lb capacity is not supported by this option

Stainless Steel Load Cell² for 12" x 12" Base (Part#: EXOPT137-CCLB) \$295

Stainless Steel Load Cell² for 15" x 15" Base (Part#: EXOPT138-CCLB) \$295

Stainless Steel Load Cell for 18" x 18", 18" x 24", or 24" x 24" Base (Part#: EXOPT179-CCLB) \$550

NOTES ¹ Serial data output default settings are 9600 baud, 8 bits, no parity, and one stop bit.

² Stainless steel load cell options are not recommended for 10,000d resolution.
 CC is scale capacity in LB. This applies to entire Load Cell options section.

SS Checkweigher Scale

POWER OPTIONS



Internal Rechargeable Battery (Part#: EXOPT319) \$110
 Provides a truly portable and versatile digital bench scale. The rechargeable battery provides up to 60 hours of continuous use.

External 6-12VDC Power (Part#: EXOPT307) \$200
 Includes: 2 pin in-line connector on a 6" length of cable with the mating connector attached to a 21" length of two conductor cable. Connectors have a washdown rating of IP68.

QUICK DISCONNECT OPTIONS

Load Cell Cable Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT140) \$198
 8 pin bulkhead mount on the back of the indicator & the mating connector is attached to the load cell cable.

Remote Switch Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT141) \$198
 4 pin bulkhead mount on the back of the indicator & the mating connector is attached to the remote switch cable. Does NOT include the remote switch.

Serial Cable (DB9 - Female) Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT172) \$198
 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 10' long serial cable, the other end has a DB9 female connector.

Serial Cable (DB9 - Male) Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT174) \$198
 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 10' long serial cable, the other end has a DB9 male connector.

Barcode Scanner Quick Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT185) \$298
 6 pin bulkhead mount on the back of the indicator & mating connector is attached to included 10' barcode scanner cable (Barcode scanner not included).

NOTE * This option is not field installable, call Doran for more details.

AUDIBLE ALARM OPTIONS - INTERNAL

1, 2, or 3 audible alarms for "Over", "Accept", or "Under", varying tones and volume control - specify tone at time of order (3 maximum). Alarms are rated NEMA 4X.

Accept	Chime	(Part#: EXOPT322)	\$155
Over	Continuous	(Part#: EXOPT323)	\$155
Under	Warble	(Part#: EXOPT324)	\$155

NOTES - This option CAN NOT be ordered with Internal Rechargeable Battery option.
 - Audible Alarm Options are NOT field-installable, call factory for more details.

REMOTE SWITCH OPTIONS

Remote Zero Switch (non-washdown) (Part#: EXOPT115)	\$90
Remote Print Switch (non-washdown) (Part#: EXOPT116)	\$90
Remote Units Switch (non-washdown) (Part#: EXOPT117)	\$90

NOTE All switches include a 10 ft. cable. Dimensions of standard switch are 3-1/2" x 2-5/8" x 1". Washdown available on quote.

SS Checkweigher Scale

DATA COLLECTION AND MANAGEMENT SOFTWARE

This scale is compatible with the following software. See the Systems and Software section for more details.

CheckWay Configuration Software (Part#: SFT0005)	\$395
Excelerator Data Collection Software (Part#: SFT0001)	\$795
Dimension Indicator Configuration Software (Part#: SFT0017)	\$45
QC Weigh Software (Part#: SFT0006)	\$1,595
Performance ID (Part#: SFT0008)	Call for Quote

GENERAL DUTY BARCODE SCANNER

General Duty Barcode Scanner (Part#: EXOPT178)	\$650
<i>Includes: Handheld barcode wand with 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 12' long cable.</i>	

NOTE This option CAN NOT be ordered with Internal Rechargeable Battery option.

HEAVY DUTY BARCODE SCANNER

Heavy Duty Barcode Scanner (Part#: EXOPT177)	\$1,150
<i>Includes: Handheld barcode wand with 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 12' long cable.</i>	

NOTE This option CAN NOT be ordered with Internal Rechargeable Battery option.



BARCODE SCANNER COMPARISON CHART

	TEMP. RATING	MECH. SHOCK RATING	ESD PROTECTION	WATER & DUST PROTECTION	SCAN WIDTH	RESOLUTION	PRINT CONTRAST
EXOPT178	32° to 113° F	Withstands 10 five foot drops to concrete	Functional after 15kV discharge	IP42	4" width at 5" from label	5 mils	25% or higher
EXOPT177	-22° to 122° F	Withstands 50 six and a half foot drops to concrete	Functional after multiple 25kV discharge	IP65	6" width at 7" from label	4 mils	20% or greater

PRINTER OPTIONS

Barcode Label Printer (Part#: PRT0350-C)	\$600
<i>Thermal label printer includes scale to printer cable. Washdown stainless steel enclosure available – call for quote.</i>	
Custom Label Formatting (Part#: CUSTOM-LABEL)	\$215
<i>Formatting for one label. Complex labels may require an additional charge.</i>	
Impact Printer (Part#: PRT0351-C)	\$600
<i>Paper tape printer includes scale to printer cable.</i>	

SS Checkweigher Scale

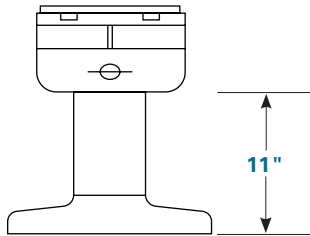
LIGHT TOWER BASES

- Light Tower Pole Mount Base* (Part#: EXOPT191) \$195
Includes: 11" tall light tower base. Constructed of heavy duty industrial polycarbonate, light towers are rated NEMA 4X and IP65. Light tower bases must be ordered with at least one light module. 19", 31" and 39" heights also available. Call for pricing.
- Light Tower Backplate Mount Base* (Part#: EXOPT198) \$195
Includes: backplate mount light tower base. Constructed of heavy duty industrial polycarbonate, light tower is rated NEMA 4X and IP65. This light tower base is attached to the 2200CW indicator backplate.

NOTE This option CAN NOT be ordered with Internal Rechargeable Battery option.

LIGHT MODULES

- Red Light Modules (Over)* (Part#: EXOPT192) \$290
Includes: 2.83" tall light module with a 100,000 hour, red LED bulb.
Constructed of heavy duty industrial polycarbonate, light module is rated NEMA 4X and IP65. 1.97" Diameter
- Green Light Modules (Accept)* (Part#: EXOPT193) \$270
Includes: 2.83" tall light module with a 100,000 hour, green LED bulb.
Constructed of heavy duty industrial polycarbonate, light module is rated NEMA 4X and IP65. 1.97" Diameter
- Yellow Light Modules (Under)* (Part#: EXOPT194) \$270
Includes: 2.83" tall light module with a 100,000 hour, yellow LED bulb.
Constructed of heavy duty industrial polycarbonate, light module is rated NEMA 4X and IP65. 1.97" Diameter



Light Tower Pole Mount Base
EXOPT191

EXTRA HOLE

- Drill Extra Hole in Backplate (Part#: EXOPT316) \$150
Required for multiple RS-232 communication options and remote switches.
Consult factory when ordering multiple communication options.

NOTE * This option is not field installable, call Doran for more details. Light tower options not available with Battery option.

SS Checkweigher Scale



KEY FEATURES

Indicator

- Built in America
- Checkweigh with 3 or 5 zone checkweighing operations
- Optional audible alarms
- 304 stainless steel construction
- IP69K washdown protection
- Bright red, 0.8" tall 6 digit LED display
- Units of measure: lb, kg, oz, g, or lb:oz
- Legal for trade in US and Canada
- Dimension configuration software

Scale Base

- 304 stainless steel construction
- Quad-Spring base design provides 1000% overload protection in scale bases from 8" x 8" to 15" x 15"
- Six-point overload protection in bases 18" x 18" and larger provides 300% overload protection
- Available in multiple configuration options (shown here with 14" column)

SPECIFICATIONS

Warranty:	Two Years
Power Input:	100 - 240VAC 50/60Hz
Optional Battery:	Internal rechargeable battery, 60 hrs. of continuous use
Optional Communication Interfaces:	Ethernet, WiFi-802.11b/g, USB, Bluetooth, or 4-20 mA
Resolution Range:	200d to 50,000d
Number of Load Cells:	Up to 8, 350 Ohm
Serial Interface:	Two Bi-directional RS-232 ports
Controls:	Zero, Over, Under, Units, and Print
Digital I/O:	Two remote switch inputs
Temperature Range:	14° to 140° F (-10° to +40° C)
Analog Sensitivity:	0.16 μ V/e min., 0.5 μ V/e typical
System Linearity:	0.01% full scale
Analog Signal Range:	-0.5 mV/V to 5mV/V 4 & 6 wire input
Excitation Voltage:	5 VDC

APPROVALS

U.S. Legal for Trade - NTEP

Indicator

CC# 97-038A1 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



Canadian Legal for Trade - Measurement Canada

Indicator

CC# AM-5201 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



SS Checkweigher Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Indicator Only					
4300M					\$810
With U-Bracket					
4302/88 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,485
4305/88	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,485
4310/88	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,485
4325/88	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,485
4302 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,500
4305	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,500
4310	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,500
4325	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,500
4350	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,500
4325/12	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,610
4350/12	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,610
43100/12	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,610
4350/15	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,930
43100/15	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,930
43200/15	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,930
43100/18S	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,205
43250/18S	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,205
43500/18S	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,205
43250/1824	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,425
43500/1824	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,425
43250/2424	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$2,785
43500/2424	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$2,785
431000/2424	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,785
With Attachment Bracket - Ships Attached					
4302/88-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,595
4305/88-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,595
4310/88-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,595
4325/88-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,595
4302-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,610
4305-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,610
4310-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,610
4325-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,610
4350-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,610
4325/12-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,720
4350/12-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,720
43100/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,720



SS Checkweigher Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
-------	---------------	-------------------	---------------	---------------	-------

With 14" Column - Ships Attached

4302-C14 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,720
4305-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,720
4310-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,720
4325-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,720
4350-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,720
4325/12-C14	25 x 0.005	11.3 x 2g	400 x 0.1	12" x 12"	\$1,830
4350/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,830
43100/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,830
4350/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,150
43100/15-C14	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,150
43200/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,150



With 20" Column - Ships Separately

4350/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,225
43100/15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,225
43200/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,225
43100/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,500
43250/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,500
43500/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,500
43250/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,720
43500/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,720
43250/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$3,080
43500/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$3,080
431000/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$3,080



PFS Series SS Portable Floor Scale with the 4300 Indicator


43250-PFS	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$4,685
43500-PFS	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$4,685
431000-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$4,685



NOTE ¹ Not Legal for Trade

SS Checkweigher Scale

POWER OPTIONS POWER OPTIONS

	Internal Rechargeable Battery (Part#: EXOPT308)..... \$110 Provides a truly portable and versatile digital bench scale. The rechargeable battery provides up to 60 hours of continuous use.
	External 6-12VDC Power (Part#: EXOPT307)..... \$200 Includes: 2 pin in-line connector on a 6" length of cable with the mating connector attached to a 21" length of two conductor cable. Connectors have a washdown rating of IP68.

COMMUNICATIONS & DATA OUTPUT OPTIONS

	Bluetooth & USB Adapter ^{1,2} (Part#: EXOPT300)..... \$220 Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver USB Adapter for PC. Can be combined with USB Option (EXOPT304)
	Bluetooth ^{1,2} (Part#: EXOPT301)..... \$150 Internal class 3 Bluetooth communication option. Used with Doran supplied USB adapter.
	Ethernet - Wired ^{1,2} (Part#: EXOPT302)..... \$395 Includes: Internal Ethernet interface board with sealed RJ45 connector on the rear of scale. Can be combined with USB and 4-20mA options.
	Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150) \$65 Includes: One NEMA4X connector to mate to the connector on the rear of the scale. Installs on customer supplied cable. Requires a RJ45 cable crimping tool.
	Ethernet - Wireless 802.11b/g ^{1,2} (Part#: EXOPT303)..... \$395 Includes: Internal Ethernet interface board and a 3.5" long flexible antenna with a IP65 bulkhead mount on back of meter. Can be combined with USB Option.
	USB Communications ¹ (Part#: EXOPT304)..... \$195 Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on side of meter with a NEMA 4X sealing cap. For scales used in wet environment, choose one the following USB Waterproof Cables (IP67 and NEMA 4X Rated). This option can be combined with Ethernet, Wireless Ethernet, Bluetooth and 4-20mA options.
	USB Waterproof Cable, 10 ft. Long (IP67 Rated) (Part#: EXOPT305)..... \$90
	USB Internal Cable for Wired Ethernet (EXOPT302), Wifi (EXOPT303) and Bluetooth (EXOPT301) options (Part #: WCB0261)..... \$30
	USB Bulkhead Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311)..... \$105 Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.
	4-20mA Analog Output ² (Active Only) Option (Part#: EXOPT306)..... \$195 Includes: Internal 4-20mA interface board with 12-bit accuracy and 12 feet of cable. This option can be combined with the USB Interface Option and Ethernet Option.

NOTES ¹ This option is not field installable, call Doran for more details.
² The following combination of Communication & Data Options are possible:
a. Wired Ethernet + 4-20 + USB **b.** Bluetooth + USB **c.** Wireless Ethernet + USB

SS Checkweigher Scale

COLUMN OPTION

Upgrade from 20" to 30" Atlas Column (Part#: EXOPT134)..... \$175

SCALE VEIL

Clear Vinyl Protective Scale Veil Three (3) Pack (Part#: SUB0852)..... \$42

SERIAL DATA COMMUNICATIONS OPTIONS

RS-232 Serial Cable - 9 pin Female, 10 ft. cable (PC Connection) (Part#: EXOPT119)..... \$75

RS-232 Serial Cable - 9 pin Male, 10 ft. cable (Printer Connection) (Part#: EXOPT148)..... \$75

NOTE RS-232 default settings are 9600 baud, 8 bits, no parity, and one stop bit.

LOAD CELL OPTIONS

Stainless Steel Load Cell for 8" x 8", 10" x 10" Base (Part#: EXOPT136-CCLB) \$295
 2 lb capacity is not supported by this option

Stainless Steel Load Cell for 12" x 12" Base (Part#: EXOPT137-CCLB) \$295

Stainless Steel Load Cell for 15" x 15" Base (Part#: EXOPT138-CCLB) \$295

Stainless Steel Load Cell for 18" x 18", 18" x 24", or 24" x 24" Base (Part#: EXOPT179-CCLB) \$550

NOTE Stainless steel load cell options are not recommended for 10,000d resolution. Cannot be used in Legal for Trade applications.
 CC is scale capacity in LB. This applies to entire Load Cell options section.

PRINTER OPTIONS

Barcode Label Printer (Part#: PRT0350-C)..... \$600
 Thermal label printer includes scale to printer cable. Washdown stainless steel enclosure available – call for quote.

Custom Label Formatting (Part#: CUSTOM-LABEL) \$215
 Formatting for one label. Complex labels may require an additional charge.

Impact Printer (Part#: PRT0351-C) \$600
 Paper tape printer includes scale to printer cable.

CALIBRATION OPTIONS

Super Precision Calibration (Part#: EXOPT310-BB-CCLB)..... \$45
 Scales will be factory calibrated to 10,000d upgraded with high resolution load cell.
 Note: BB is D7 8x8, 10x10; D8 for 12x12; D9 for 15x15; DS for 18x18, 18x24 and 24x24 bases.
 CC is base capacity in LB.

SS Checkweigher Scale

DATA COLLECTION AND MANAGEMENT SOFTWARE

This scale is compatible with the following software. See the Weighing Systems section for more details.

Excelsator Data Collection Software (Part#: SFT0001).....	\$795
Dimension Indicator Configuration Software (Part#: SFT0017).....	\$45

REMOTE SWITCH OPTIONS

Remote Zero Switch (non-washdown) (Part#: EXOPT115).....	\$90
Remote Print Switch (non-washdown) (Part#: EXOPT116).....	\$90
Remote Units Switch (non-washdown) (Part#: EXOPT117).....	\$90

NOTE All switches include a 10 ft. cable. Dimensions of standard switch are 3-1/2" x 2-5/8" x 1". Washdown available on quote.

QUICK DISCONNECT OPTIONS

Load Cell Cable Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT140).....	\$198
8 pin bulkhead mount on the back of the indicator & the mating connector is attached to the load cell cable.	
Remote Switch Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT141).....	\$198
4 pin bulkhead mount on the back of the indicator & the mating connector is attached to the remote switch cable. Does NOT include remote switch.	
Serial Cable (DB9 - Female) Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT172).....	\$198
6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 10 ft. long serial cable with female connector.	
Serial Cable (DB9 - Male) Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT174).....	\$198
6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 10 ft. long serial cable with male connector.	

NOTE Quick disconnect options are not field installable.

AUDIBLE ALARM OPTIONS - INTERNAL

1, 2, or 3 audible alarms for "Over", "Accept", or "Under", varying tones and volume control - specify tone at time of order (3 maximum). Alarms are rated NEMA 4X.

Accept	Chime	(Part#: EXOPT312).....	\$155
Over	Continuous	(Part#: EXOPT313).....	\$155
Under	Warble	(Part#: EXOPT314).....	\$155

NOTES - This option CAN NOT be ordered with Internal Rechargeable Battery option.
 - Audible Alarm Options are NOT field-installable, call factory for more details.

EXTRA HOLE

Drill Extra Hole in Backplate (Part#: EXOPT316).....	\$150
Required for multiple RS-232 communication options and remote switches. Consult factory when ordering multiple communication options.	

SS Checkweigher Scale

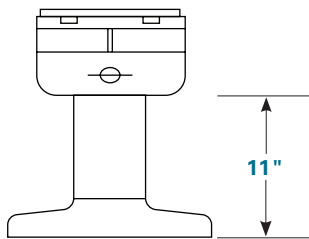
LIGHT TOWER BASES

- Light Tower Pole Mount Base* (Part#: EXOPT320) \$230
 Includes: 11" tall light tower base. Constructed of heavy duty industrial polycarbonate, light towers are rated NEMA 4X and IP65. Light tower bases must be ordered with at least one light module. 19", 31" and 39" heights also available. Call for pricing.
- Light Tower Backplate Mount Base* (Part#: EXOPT321) \$230
 Includes: backplate mount light tower base. Constructed of heavy duty industrial polycarbonate, light tower is rated NEMA 4X and IP65. This light tower base is attached to the 2200CW indicator backplate.

NOTE This option CAN NOT be ordered with Internal Rechargeable Battery option.

LIGHT MODULES

- Red Light Modules (Over)* (Part#: EXOPT192) \$290
 Includes: 2.83" tall light module with a 100,000 hour, red LED bulb.
 Constructed of heavy duty industrial polycarbonate, light module is rated NEMA 4X and IP65. 1.97" Diameter
- Green Light Modules (Accept)* (Part#: EXOPT193) \$270
 Includes: 2.83" tall light module with a 100,000 hour, green LED bulb.
 Constructed of heavy duty industrial polycarbonate, light module is rated NEMA 4X and IP65. 1.97" Diameter
- Yellow Light Modules (Under)* (Part#: EXOPT194) \$270
 Includes: 2.83" tall light module with a 100,000 hour, yellow LED bulb.
 Constructed of heavy duty industrial polycarbonate, light module is rated NEMA 4X and IP65. 1.97" Diameter



Light Tower Pole Mount Base
EXOPT191

NOTE * This option is not field installable, call Doran for more details. Light tower options not available with Battery option.

SS Bench Scale

KEY FEATURES

Indicator

- One Button - Easy to Operate
- 304 stainless steel construction
- IP69K washdown protection
- Checkweigh feature - Over, Accept and Under
- Available in multiple configuration options (shown here with U-bracket)

Scale Base

- 304 stainless steel construction
- Quad-Spring base design provides 1000% overload protection in scale bases from 8" x 8" to 15" x 15"
- Six-point overload protection in bases 18" x 18" and larger provides 300% overload protection



SPECIFICATIONS

Warranty:	Two Years
Power Input:	115 VAC 50/60 Hz
Resolution Range:	200d to 50,000d
Number of Load Cells:	Up to 8, 350 Ohm
Serial Interface:	One Bi-directional RS-232 port
Controls:	Zero
Digital I/O:	Two remote switch inputs
Temperature Range:	14° to 140° F (-10° to +40° C)
Analog Sensitivity:	0.11 mV/V to 7mV/V
System Linearity:	0.01% full scale
Analog Signal Range:	-0.5 mV/V to 5mV/V 4 & 6 wire input
Excitation Voltage:	5 VDC

APPROVALS

U.S. Legal for Trade - NTEP

Indicator

CC# 99-129A4 (10,000d)

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



Canadian Legal for Trade - Measurement Canada

Bases 8" x 8" to 15" x 15"

CC# 97-097A1 (5,000d)

Bases 18" x 18" to 24" x 24"

CC# 13-110 (5000d)



SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Indicator Only					
7400M					\$895
With U-Bracket					
7402/88 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,570
7405/88	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,570
7410/88	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,570
7425/88	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,570
7402 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,585
7405	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,585
7410	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,585
7425	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,585
7450	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,585
7450/12	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,695
74100/12	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,695
7450/15	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,015
74100/15	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,015
74200/15	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,015
74100/18S	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,290
74250/18S	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,290
74500/18S	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,290
74250/1824	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,510
74500/1824	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,510
74250/2424	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$2,870
74500/2424	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$2,870
741000/2424	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,870
With Attachment Bracket - Ships Attached					
7402/88-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,680
7405/88-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,680
7410/88-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,680
7425/88-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,680
7402-ABR ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,695
7405-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,695
7410-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,695
7425-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,695
7450-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,695
7450/12-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,805
74100/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,805



NOTE ¹ Not Legal for Trade

SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
-------	---------------	-------------------	---------------	---------------	-------

With 14" Column - Ships Attached

7402-C14 ¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,805
7405-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,805
7410-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,805
7425-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,805
7450-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,805
7450/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,915
74100/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,915
7450/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,235
74100/15-C14	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,235
74200/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,235



With 20" Column - Ships Separately

7450/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,310
74100/15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,310
74200/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,310
74100/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,585
74250/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,585
74500/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,585
74250/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,805
74500/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,805
74250/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$3,165
74500/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$3,165
741000/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$3,165



PFS Series SS Portable Floor Scale with the 7400M Indicator

74250-PFS	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$4,770
74500-PFS	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$4,770
741000-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$4,770



NOTE ¹ Not Legal for Trade

SS Bench Scale

CALIBRATION OPTIONS

Super Precision Calibration (Part#: EXOPT310-BB-CCLB).....	\$45
Scales will be factory calibrated to 10,000d upgraded with high resolution load cell.	
Note: BB is D7 8x8, 10x10; D8 for 12x12; D9 for 15x15; DS for 18x18, 18x24 and 24x24 bases.	
CC is base capacity in LB.	

COLUMN AND BRACKET OPTIONS

Upgrade from 20" to 30" Atlas Column (Part#: EXOPT134).....	\$175
---	-------

LOAD CELL OPTIONS

Stainless Steel Load Cell* for 8" x 8", 10" x 10" Base (Part#: EXOPT136-CCLB)	\$295
2 lb capacity is not supported by this option	
Stainless Steel Load Cell* for 12" x 12" Base (Part#: EXOPT137-CCLB)	\$295
Stainless Steel Load Cell* for 15" x 15" Base (Part#: EXOPT138-CCLB)	\$295
Stainless Steel Load Cell for 18" x 18", 18" x 24", or 24" x 24" Base (Part#: EXOPT179-CCLB)	\$550

NOTE * Stainless steel load cell options are not recommended for 10,000d resolution.
CC is scale capacity in LB. This applies to entire Load Cell options section.

UNIT SWITCH OPTION

Optional Front Panel Mounted Units Switch (Part#: EXOPT181)	\$195
---	-------

MS Bench Scale

KEY FEATURES

- Round 14" or 25" column – chrome plated
- Mild steel base
- Stainless steel platter - Long term durability
- Welded square tube base frame
- Indicator has an internal rechargeable battery – 100 hours of continuous use when fully charged
- 1.6" LCD Backlit Display
- 18 ga platter



SPECIFICATIONS

Enclosure:	ABS Plastic
Power Input:	100 - 240VAC 50/60Hz
Indicator Dimensions:	9" W x 7.5" H x 2.75" D (includes u-bracket)
Standard Battery:	Internal rechargeable battery, 100 hours of continuous use.
Resolution Range:	1,000 to 30,000d
Capacity Range:	1 to 999,000 lb
Number of Load Cells:	Up to 4, 350 Ohm with 4 wire input
Serial Interface:	Bi-directional RS-232 port standard
Controls:	Total, Count, Units, Gross, Tare, Zero, Print (On/Off)
Temperature Range:	14° to 140° F (-10° to 40° C)
Excitation Voltage:	5 VDC
Internal Counts:	1,000,000
Displayed Units:	lb, kg

APPROVALS

U.S. Legal for Trade - NTEP

Indicator

CC# 19-013 (10,000d)

Bases

CC# 18-057 (5,000d)



Canadian Legal for Trade - Measurement Canada

Indicator

CC# AM-6103 (10,000d)

Bases

CC# AM-6103 (5,000d)



MS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	PLATFORM SIZE	COLUMN SIZE	PRICE
Indicator Only					
1200					\$200
Complete Scale System					
1200-MSP0050	50 x 0.01	25 x 5	11.8" x 15.7"	14"	\$575
1200-MSP0100	100 x 0.02	45 x 10	11.8" x 15.7"	14"	\$575
1200-MSP1100	100 x 0.02	45 x 10	15.7" x 19.7"	25"	\$675
1200-MSP1250	250 x 0.05	113 x 20	15.7" x 19.7"	25"	\$675
1200-MSP2250	250 x 0.05	113 x 20	19.7" x 23.6"	25"	\$775
1200-MSP2500	500 x 0.1	260 x 50	19.7" x 23.6"	25"	\$775
Base Only					
MSP0050	50 x 0.01	25 x 5	11.8" x 15.7"	14"	\$375
MSP0100	100 x 0.02	45 x 10	11.8" x 15.7"	14"	\$375
MSP1100	100 x 0.02	45 x 10	15.7" x 19.7"	25"	\$475
MSP1250	250 x 0.05	113 x 20	15.7" x 19.7"	25"	\$475
MSP2250	250 x 0.05	113 x 20	19.7" x 23.6"	25"	\$575
MSP2500	500 x 0.1	260 x 50	19.7" x 23.6"	25"	\$575

NOTE The 1200 MS can be ordered with a standard Stainless Steel indicator 7000XL, 4300, 2200 or 2200CW
Stainless Steel Indicator Column Bracket (Part#: ENC1034) \$35

MS Bench Scale

KEY FEATURES

- Cost Effective General Purpose Bench Scale
- Bright and Easy to Read LED Display
- NTEP Approved, Legal for Trade at 5,000d
- Extremely Durable Construction
- Available in multiple configuration options (shown here with U-bracket)



SPECIFICATIONS

Warranty:	One Year
Power Input:	115 VAC 60Hz; Transformer, UL/ULc (230 VAC Optional)
Resolution Range:	200 to 12,500d
Number of Load Cells:	Up to 4, 350 Ohm
Serial Interface:	Bi-directional RS-232 port
Controls:	Zero, Gross/Net, Tare, Units, Print
Temperature Range:	14° to 140° F (-10° to 40° C)
Analog Sensitivity:	1.0 uV/e min.
System Linearity:	0.01% full scale
Analog Signal Range:	0.35mV/V to 3.0 mV/V
Excitation Voltage:	5 VDC

APPROVALS

U.S. Legal for Trade - NTEP

Indicator: CC# 05-061 (5,000d)

Bases: CC# 13-110 (5000d)



Canadian Legal for Trade - Measurement Canada

Bases: CC# 13-110 (5000d)



MS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Indicator Only					
DS100					\$326
With U-Bracket					
MVP3100	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$1,251
MVP3250	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$1,251
MVP5250	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$1,476
MVP5500	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$1,476
MVP51000	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$1,476
MVP Scale With 36" Tall Mild Steel Column					
MVP3100-36	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$1,451
MVP3250-36	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$1,451
MVP5250-36	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$1,676
MVP5500-36	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$1,676
MVP51000-36	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$1,676



MS Bench Scale

CALIBRATION OPTIONS

Super Precision Calibration (Part#: EXOPT310-BB-CCLB).....	\$45
Scales will be factory calibrated to 10,000d upgraded with high resolution load cell.	
Note: BB is D7 8x8, 10x10; D8 for 12x12; D9 for 15x15; DS for 18x18, 18x24 and 24x24 bases.	
CC is base capacity in LB.	

ROLLER CONVEYOR OPTIONS

Roller Conveyor for 18" x 18" Scale Base (Part#: DMSOPT05).....	\$425
Includes: Painted mild steel rails with six 1.9" diameter galvanized rollers on 3" centers.	
Roller weight capacity is 250lb PER ROLLER for all roller conveyor options.	
Roller Conveyor 24" x 24" for Scale Base (Part#: DMSOPT04)	\$425
Includes: Painted mild steel rails with eight 1.9" diameter galvanized rollers on 3" centers.	
Total roller conveyor option height is 3.875" for all conveyor options.	
This size is not in stock, please call for lead time.	

BALL TRANSFER OPTIONS

Ball Transfer for 18" x 18" Scale Base (Part#: DMSOPT09).....	\$500
Includes: Twenty mild steel roller balls flange mounted on the 18" x 18" platter.	
Height of ball transfer is 1.187". Maximum weight capacity is 75lb per ball.	
Ball Transfer for 24" x 24" Scale Base (Part#: DMSOPT06).....	\$500
Includes: Twenty mild steel roller balls flange mounted on the 24" x 24" platter.	
Height of ball transfer is 1.187". Maximum weight capacity is 75lb per ball.	

STAINLESS PLATTER OPTIONS

Stainless Steel Platter - 18" x 18" (Part#: MVPOPT004).....	\$250
Stainless Steel Platter - 24" x 24" (Part#: MVPOPT002).....	\$300

MOBILITY OPTION

Mobility Kit (Part#: MVPOPT001).....	\$90
Includes: Four 3" Diameter Locking Swivel Casters (Hard Rubber).	
Casters add 4" in height, for a total base height of 8.875".	

POWER AND COMMUNICATION OPTIONS

RS-232 Serial Data Output - Scale to PC (Part#: DSOPT001)	\$75
Includes: 4 wire shielded cable, 10 ft., with a 9 pin FEMALE "D" connector.	
230VAC Operation (Part#: DSOPT003)	\$25

SS Bench Scale

KEY FEATURES

- Completely sealed for protection in wet IP68 environments
- Battery powered with wireless charging. Magnetic wireless charging pad is included, and the scale can be used while recharging the battery
- Construction: Stainless steel case, stainless steel platter and ABS plastic base
- Display indicators for: Stability, Charging Status, Low Battery, and Net and Gross weight
- Automatic shut-off timer to power down the scale when not in use
- 5-Button control: On/Zero, Unit, Net/Gross, Tare, Off
- Quickly switch between lb, oz, kg and g
- Rubber feet to maintain stability



SPECIFICATIONS

Warranty:	Scale - One Year Battery - 90 Days
Dimensions:	Overall: 11" D x 9.5" W x 4.7" H Platter: 7.25" D x 9.25" W
Power:	Rechargeable lithium battery. Magnetic wireless charging mat included. 100 hours of continuous use when using the automatic shutoff timer.
Display:	High visibility 6-digit 1.2" Backlit LCD display
Environmental Protection:	IP68 Certified by SGS
Temperature:	14° to 104° F (-10° to +40° C)

APPROVALS

U.S. Legal for Trade - NTEP

CC# 05-061, 09-032



NOTE Order -LFT part number if legal for trade resolution is required

SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG X G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Without Customer Display					
550-06	6 x 0.001	3 x 0.5	96 x 0.02	7.25" x 9.5"	\$430
550-12	12 x 0.002	6 x 1	192 x 0.05	7.25" x 9.5"	\$430
550-30	30 x 0.005	15 x 2	480 x 0.1	7.25" x 9.5"	\$430
550-06-LFT	6 x 0.002	3 x 1	96 x 0.05	7.25" x 9.5"	\$430
550-12-LFT	12 x 0.005	6 x 2	192 x 0.1	7.25" x 9.5"	\$430
550-30-LFT	30 x 0.01	15 x 5	480 x 0.2	7.25" x 9.5"	\$430



NOTE Order -LFT part number if legal for trade resolution is required

POWER OPTIONS

Wireless Charging Adapter 100-240 VAC, 50/60 Hz (Part#: 550OPT01)..... \$91

Discount Level C applies to all options and replacement parts.

SS Bench Scale

KEY FEATURES

- Quad Spring 100% Overload Shockproof Base
- Rechargeable Battery/AC Power - Standard
- Stainless Steel Case and Platter
- Units of measure: lb, kg, oz, g, or lb:oz



Not a Washdown Product - Wipedown Only



SPECIFICATIONS

Warranty:	Scale - One Year Battery - 90 Days
Power Input:	Internal rechargeable battery and wall mounted AC transformer standard
Dimensions:	Overall - 8.75" L x 6.5" W x 2" H Platter - 6.5" x 6.5"
Serial Interface:	Bi-directional RS-232
Controls:	On/Off, Zero, and Units
Temperature Range:	14° to 140° F (-10° to 40° C)
System Linearity:	0.01% full scale

APPROVALS

U.S. Legal for Trade - NTEP

CC# 09-032, 04-039A1



SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
PC400-02 ¹	2.2 x 0.0002	1000 x 0.1	35 x 0.005	6.5" x 6.5"	\$375
PC400-02LFT	2.2 x 0.001	1000 x 0.5	35 x 0.02	6.5" x 6.5"	\$375
PC400-05	5 x 0.002	2300 x 1	80 x 0.05	6.5" x 6.5"	\$375
PC400-10	10 x 0.005	4500 x 2	160 x 0.1	6.5" x 6.5"	\$375
PC400-20	20 x 0.01	9100 x 5	320 x 0.2	6.5" x 6.5"	\$375




NOTE ¹ Not Legal for Trade

POWER OPTIONS

- 230 VAC Operation (Part#: PCOPT06) \$25
Includes: European transformer 220 VAC/50Hz Input
- RS-232 cable with 9 pin female connector and phono jack scale connector (Part#: PCOPT05) \$15

REPLACEMENT PARTS

- Replacement Rechargeable Battery Pack (Part#: BAT0013) \$35
- AC Adapter - Positive Center (115 VAC - 6' Cord, UL/CSA Listed) (Part#: XFR0039) \$40
For scales with serial numbers higher than NPC403000
- AC Adapter - Negative Center (115 VAC - 6' Cord, UL/CSA Listed) (Part#: XFR0035) \$40
For scales with serial numbers lower than NPC403000
- Platter 6.5" x 6.5" Stainless Steel (Part#: ENC0804) \$45
- Foot Assembly Set (Set of 4 Feet) (Part#: SUB0531) \$20

AC Adapter - Positive Center  Original transformer has this symbol on the label.

AC Adapter - Negative Center  Original transformer has this symbol on the label.

Intrinsically Safe Indicators

8100IS Intrinsically Safe Indicator

8200IS Intrinsically Safe Indicator



Intrinsically Safe Indicator

KEY FEATURES

- UL Certified intrinsically safe indicator for use in hazardous locations
- Tare and Gross Net Function
- Data output via fiber optic to RS232 converter
- Two remote switch inputs
- IP6X environmental protection
- Units of measure lb, kg, oz, g, or lb:oz
- 304 stainless steel construction



SPECIFICATIONS

Warranty:	Two Years
AC Power:	(8AIS AC Power Supply): 100VAC 50/60 Hz
Battery Power:	(8BIS): 8 hours of continuous use with 36 hour charge. Requires 8CHG Battery Charger
Optional Communication Interfaces:	Fiber Optic to RS232 converter
Resolution Range:	200 to 100,000d
Number of Load Cells:	Up to 4, 350 Ohm Load Cell Entity Parameters: U _o 7.14 V, I _o 0.7076 A, P _o 0.895 W, C _o 10.8 uF, L _o 71 uH
Controls:	Tare, Gross / Net, Zero, Print, Units
Digital I/O:	Two Remote Switch Inputs
Temperature Range:	14 F to 104F (-10 C to +40 C) 8CHG only: 14 F to 86 F (-10 C to +30 C)
Analog Sensitivity:	0.16 V/e minimum, 0.5 V/e typical
System Linearity:	0.01% full scale
Analog Signal Range:	-0.5mV/V to 5 mV/V with 4 and 6 wire input
Excitation Voltage:	5 VDC

UL CERTIFICATE NUMBER 20190304-E485121

8100IS

Intrinsically Safe indicator for use in hazardous locations

- Class I, Div 1, Groups A,B,C,D
- Class II, Div 1, Groups E,F,G
- Class III, Div. 1
- Zone 0, Group IIC
- Zone 20, Group IIIC

8BIS

Intrinsically Safe battery pack for use in hazardous locations

- Class I, Division 1, Groups A, B, C, and D
- Class II, Division 1, Groups E, F and G
- Class III, Div. 1
- Zone 0, Group IIC
- Zone 20, Group IIIC

8CHG

Safe area Battery Charger

Unclassified, non-hazardous locations only (Ord Loc)

8AIS

Intrinsically Safe AC Input Rating

- Class I, Div 1, Groups B,C,D
- Class II, Div 1, Groups E,F,G
- Class III, Div. 1
- Class I, Zone 1, Group IIC
- Zone 21, Group IIIC

Intrinsically Safe DC Output Rating

- Class I, Div. 1, Groups A, B, C, and D
- Class II, Div. 1, Groups E, F, and G
- Class III, Div. 1, Class I
- Zone 1, Group IIC
- Zone 21, Group IIIC



E485121

Intrinsically Safe Indicator

MODEL	PRICE
Indicator Only	
8100IS	\$1,445

Discount Level A applies to indicator and power options.

POWER OPTIONS

8BIS (Part#: 8BIS).....	\$650
Intrinsically Safe battery pack for use in hazardous locations	
Class I, II, III, Division 1, Groups A,B,C,D,E,F,G	
Zone 0, Group IIC, Zone 20, Group IIIC	
Safe Area 8BIS Charger (Part#: 8CHG).....	\$370
UL Certified, unclassified, non-hazardous locations only (Ord Loc)	
Model 8CHG Battery Charger, for use with Model 8BIS Battery Pack	
8AIS (Part#: 8AIS).....	\$1120
AC Power Supply for Hazardous Locations.	
Intrinsically Safe AC Input Rating	
Class I, II, III, Division 1, Groups B,C,D,E,F,G	
Class I, Zone 1, Group IIC, Zone 21, Group IIIC	
Intrinsically Safe DC Output Rating	
Class I, II, III, Division 1, Groups A,B,C,D,E,F,G	
Zone 1, Group IIC, Zone 21, Group IIIC	

CABLE OPTIONS

8AIS 3 Meter Long Extension Cable (Part#: WCB0234).....	\$125
Indicator includes 1 meter cable	
8AIS 6 Meter Long Extension Cable (Part#: WCB0235).....	\$150
Indicator includes 1 meter cable	

LOAD CELLS OPTIONS

Junction Box (Part#: 8JBX).....	\$300
Up to 4 load cells for use in hazardous locations	
Class I, Div. 1, Groups A,B,C,D	
Class I, Zone 0, Group IIC	

COMMUNICATIONS OPTIONS

Fiber Optic to RS232 Converter (Part#: EXOPT219).....	\$325
Unclassified Locations Only (Ord Loc). Requires EXOPT212	
Model 8FB Fiber Optic to RS232 Converter, with optical-only connections to Model 8100IS/8200IS Indicator.	
Internal Fiber Optic Dual Channel for Indicator (Part#: EXOPT212).....	\$250
Option installed into indicator at time of order. Provides two communication channels.	
WCB0200 must be ordered by the meter at time of order.	
Fiber Optic Cable by the meter – up to 30 meters (Part#: WCB0200).....	\$3.50 per meter

Intrinsically Safe Indicator

KEY FEATURES

- UL Certified intrinsically safe indicator for use in hazardous locations
- Full keypad interface
- Digital Tare and Gross Net Function
- Data output via fiber optic to RS232 converter
- Two remote switch inputs
- Checkweighing feature with 250 product IDs
- Remote display option
- IP6X environmental protection
- Units of measure lb, kg, oz, g, or lb:oz
- 304 stainless steel construction



SPECIFICATIONS

Warranty:	Two Years
AC Power:	(8AIS AC Power Supply): 100VAC 50/60 Hz
Battery Power:	(8BIS): 8 hours of continuous use with 36 hour charge. Requires 8CHG Battery Charger
Optional Communication Interfaces:	Fiber Optic to RS232 converter
Resolution Range:	200 to 100,000d
Number of Load Cells:	Up to 4, 350 Ohm Load Cell Entity Parameters: U _o 7.14 V, I _o 0.7076 A, P _o 0.895 W, C _o 10.8 uF, L _o 71 uH
Controls:	Tare, Gross / Net, ZERO, Print, Units, Full keypad with decimal point, Enter, Accum, Product ID, Clear, Setpoint, F1, F2
Digital I/O:	Two Remote Switch Inputs
Temperature Range:	14 F to 104F (-10 C to +40 C) 8CHG only: 14 F to 86 F (-10 C to +30 C)
Analog Sensitivity:	0.16 V/e minimum, 0.5 V/e typical
System Linearity:	0.01% full scale
Analog Signal Range:	-0.5mV/V to 5 mV/V with 4 and 6 wire input
Excitation Voltage:	5 VDC

UL CERTIFICATE NUMBER 20190304-E485121

8200IS

Intrinsically Safe indicator for use in hazardous locations

- Class I, Div 1, Groups A,B,C,D
- Class II, Div 1, Groups E,F,G
- Class III, Div. 1
- Zone 0, Group IIC
- Zone 20, Group IIIC

8BIS

Intrinsically Safe battery pack for use in hazardous locations

- Class I, Division 1, Groups A, B, C, and D
- Class II, Division 1, Groups E, F and G
- Class III, Div. 1
- Zone 0, Group IIC
- Zone 20, Group IIIC

8CHG

Safe area Battery Charger

Unclassified, non-hazardous locations only (Ord Loc)

8AIS

Intrinsically Safe AC Input Rating

- Class I, Div 1, Groups B,C,D
- Class II, Div 1, Groups E,F,G
- Class III, Div. 1
- Class I, Zone 1, Group IIC
- Zone 21, Group IIIC

Intrinsically Safe DC Output Rating

- Class I, Div. 1, Groups A, B, C, and D
- Class II, Div. 1, Groups E, F, and G
- Class III, Div. 1, Class I
- Zone 1, Group IIC
- Zone 21, Group IIIC



E485121

Intrinsically Safe Indicator

MODEL	PRICE
Indicator Only	
8200IS	\$1,460
8200IS-RM Remote Display with Fiber Optic Dual Channel Option Board	\$1,660
Order WCB0200 by the meter for connection to remote display and main indicator. Power supply and EXOPT212 required for meter being paired with this remote display.	

POWER OPTIONS

8BIS (Part#: 8BIS).....	\$650
Intrinsically Safe battery pack for use in hazardous locations Class I, II, III, Division 1, Groups A,B,C,D,E,F,G Zone 0, Group IIC, Zone 20, Group IIIC	
Safe Area 8BIS Charger (Part#: 8CHG)	\$370
UL Certified, unclassified, non-hazardous locations only (Ord Loc) Model 8CHG Battery Charger, for use with Model 8BIS Battery Pack	
8AIS (Part#: 8AIS).....	\$1,120
AC Power Supply for Hazardous Locations. Intrinsically Safe AC Input Rating Class I, II, III, Division 1, Groups B,C,D,E,F,G Class I, Zone 1, Group IIC, Zone 21, Group IIIC Intrinsically Safe DC Output Rating Class I, II, III, Division 1, Groups A,B,C,D,E,F,G Zone 1, Group IIC, Zone 21, Group IIIC	

CABLE OPTIONS

8AIS 3 Meter Long Extension Cable (Part#: WCB0234)	\$125
Indicator includes 1 meter cable	
8AIS 6 Meter Long Extension Cable (Part#: WCB0235)	\$150
Indicator includes 1 meter cable	

LOAD CELLS OPTIONS

Junction Box (Part#: 8JBX)	\$300
Up to 4 load cells for use in hazardous locations Class I, Div. 1, Groups A,B,C,D Class I, Zone 0, Group IIC	

COMMUNICATIONS OPTIONS

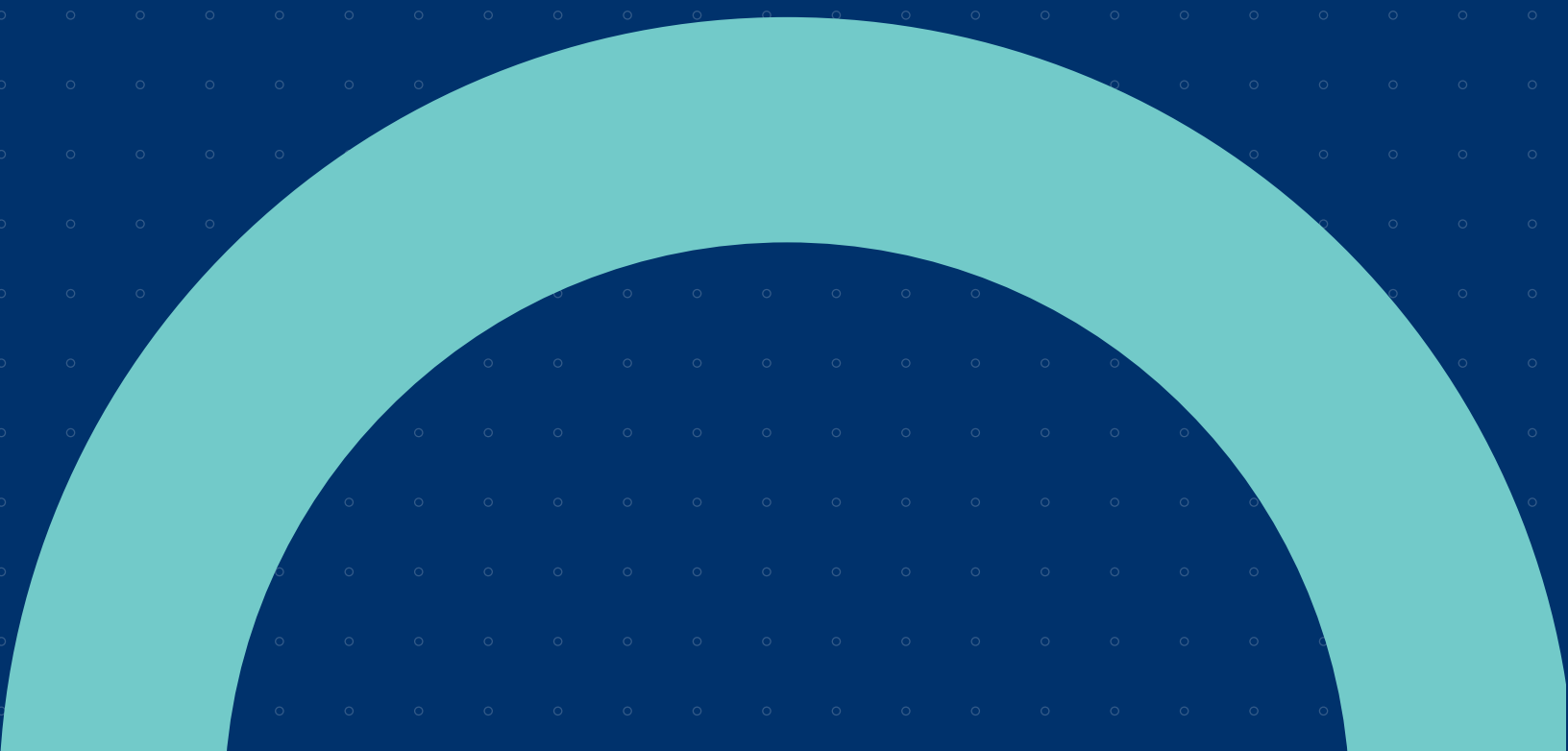
Fiber Optic to RS232 Converter (Part#: EXOPT219)	\$325
Unclassified Locations Only (Ord Loc). Requires EXOPT212 Model 8FB Fiber Optic to RS232 Converter, with optical-only connections to Model 8100IS/8200IS Indicator.	
Internal Fiber Optic Dual Channel for Indicator (Part#: EXOPT212)	\$250
Option installed into indicator at time of order. Provides two communication channels. WCB0200 must be ordered by the meter at time of order.	
Fiber Optic Cable by the meter – up to 30 meters (Part#: WCB0200).....	

Bases

DSS Series SS Scale Base

DXL Series SS Scale Base

DMS Series MS Scale Base



SS Bases

KEY FEATURES

- Washdown Safe
- All Square Tube Construction
- Six Overload Stops
- IP66 Rated Load Cells
- NTEP Approved, Legal for Trade at 5,000d
- 14 ga platter



SPECIFICATIONS

Warranty:	Two Years
Construction:	304 Stainless Steel Platter, Base and Spider
Load Cell:	IP66, Anodized Aluminum is standard, optional Stainless Steel is also available. 10ft cable, longer length is optional
Output:	2 mV/V max, full scale
Overload:	250 % maximum; 6 overload stops
Mechanical:	4 Adjustable Feet Bubble Level

APPROVALS

U.S. Legal for Trade - NTEP

CC# 13-110 (5,000d)



Canadian Legal for Trade - Measurement Canada

AM-5926 (5,000d)



SS Bases

MODEL	CAPACITY (LB/KG)	BASE SIZE	PRICE
DSS3100	100lb / 45kg	18" x 18"	\$1,395
DSS3250	250lb / 113kg	18" x 18"	\$1,395
DSS3500	500lb / 227kg	18" x 18"	\$1,395
DSS4250	250lb / 113kg	18" x 24"	\$1,615
DSS4500	500lb / 227kg	18" x 24"	\$1,615
DSS5250	250lb / 113kg	24" x 24"	\$1,975
DSS5500	500lb / 227kg	24" x 24"	\$1,975
DSS51000	1000lb / 454kg	24" x 24"	\$1,975



SS Bases

LOAD CELL OPTIONS

Stainless Steel Load Cell for 18" x 18", 18" x 24", or 24" x 24" Base (Part#: EXOPT179-CCLB) \$550

NOTE * Stainless steel load cell options are not recommended for 10,000d resolution.
 CC is scale capacity in LB. This applies to entire Load Cell options section.

ROLLER CONVEYOR OPTIONS

Roller Conveyor Option for 24" x 24" Base (SS Rollers) (Part#: DSSOPT04) \$950
 Includes: Stainless steel rails with six 1.9" diameter stainless steel rollers on 3" centers.
 Total roller conveyor option height is 3.875" for all conveyor options. This size is not in stock,
 please call for lead time.

Roller Conveyor Option for 18" x 18" Base (SS Rollers) (Part#: DSSOPT05) \$800
 Includes: Stainless steel rails with six 1.9" diameter stainless steel rollers on 3" centers.
 Roller weight capacity is 250lb PER ROLLER for all roller conveyor options.)

BALL TRANSFER OPTIONS

Balltop Conveyor Option for 18" x 18" Base (SS Balltops) (Part#: DSSOPT09) \$1,000
 Includes: Twenty stainless steel roller balls flange mounted on the 18" x 18" platter.
 Height of ball transfer is 1.187". Maximum weight capacity is 75lb per ball.

Balltop Conveyor Option for 18" x 24" Base (SS Balltops) (Part#: DSSOPT10) \$1,000
 Includes: Twenty stainless steel roller balls flange mounted on the 18" x 24" platter.
 Height of ball transfer is 1.187". Maximum weight capacity is 75lb per ball.

Balltop Conveyor Option for 24" x 24" Base (SS Balltops) (Part#: DSSOPT08) \$1,000
 Includes: Twenty stainless steel roller balls flange mounted on the 24" x 24" platter.
 Height of ball transfer is 1.187". Maximum weight capacity is 75lb per ball.



KEY FEATURES

- Washdown Safe
- 1000% Overload Protection Provided by the Quad Spring Shockproof Base
- IP66 Rated Load Cells
- NTEP Approved, Legal for Trade at 5,000d

SPECIFICATIONS

Warranty:	Two Years
Construction:	304 Stainless Steel Platter, Base, Springs & Spider
Load Cell:	IP66, Anodized Aluminum is standard, optional Stainless Steel is also available. 10ft cable, longer length is optional
Output:	2 mV/V max, full scale
Overload:	5 overload stops; 4 Quad Spring Shock Absorbers
Mechanical:	4 Adjustable Feet Bubble Level

APPROVALS

U.S. Legal for Trade - NTEP

CC# 97-097A1 (5,000d)



Canadian Legal for Trade - Measurement Canada

AM-5241 (5,000d)



SS Bases

MODEL	CAPACITY (LB/KG)	BASE SIZE	PRICE
DXL7002/88 ¹	2lb / 0.9kg	8" x 8"	\$675
DXL7005/88	5lb / 2.3kg	8" x 8"	\$675
DXL7010/88	10lb / 4.5kg	8" x 8"	\$675
DXL7025/88	25lb / 9.1kg	8" x 8"	\$675
DXL7002 ¹	2lb / 0.9kg	10" x 10"	\$690
DXL7005	5lb / 2.3kg	10" x 10"	\$690
DXL7010	10lb / 4.5kg	10" x 10"	\$690
DXL7025	25lb / 9.1kg	10" x 10"	\$690
DXL7050	50lb / 22.7kg	10" x 10"	\$690
DXL8050	50lb / 22.7kg	12" x 12"	\$800
DXL8100	100lb / 45kg	12" x 12"	\$800
DXL9050	50lb / 23kg	15" x 15"	\$1,120
DXL9100	100lb / 45kg	15" x 15"	\$1,120
DXL9200	200lb / 91kg	15" x 15"	\$1,120



LOAD CELL OPTIONS

Stainless Steel Load Cell for 8" x 8", 10" x 10" Base (Part#: EXOPT136-CCLB)	\$295
2 lb capacity is not supported by this option	
Stainless Steel Load Cell for 12" x 12" Base (Part#: EXOPT137-CCLB)	\$295
Stainless Steel Load Cell for 15" x 15" Base (Part#: EXOPT138-CCLB)	\$295

NOTE * Stainless steel load cell options are not recommended for 10,000d resolution.
 CC is scale capacity in LB. This applies to entire Load Cell options section.

NOTE ¹ Not Legal for Trade

MS Bases



KEY FEATURES

- Six Overload Stops
- Cost Effective General Purpose Scale Base
- All Square Tube Construction
- NTEP Approved, Legal for Trade at 5,000dw
- 14 ga platter

SPECIFICATIONS

Warranty:	Two Years
Construction:	Mild Steel Platter, Base and Spider
Load Cell:	IP66, Anodized Aluminum 10ft cable, longer length is optional
Output:	2 mV/V max, full scale
Overload:	250 % maximum; 6 overload stops
Mechanical:	4 Adjustable Feet Bubble Level

APPROVALS

U.S. Legal for Trade - NTEP

CC# 13-110 (5,000d)



Canadian Legal for Trade - Measurement Canada

AM-5926 (5,000d)



MS Bases

MODEL	CAPACITY (LB/KG)	BASE SIZE	PRICE
DMS3050	50lb / 22kg	18" x 18"	\$925
DMS3100	100lb / 45kg	18" x 18"	\$925
DMS3250	250lb / 113kg	18" x 18"	\$925
DMS5250	250lb / 113kg	24" x 24"	\$1,150
DMS5500	500lb / 227kg	24" x 24"	\$1,150
DMS51000	1000lb / 454kg	24" x 24"	\$1,150



NOTE Additional capacities and resolutions are available upon request for an additional \$95.00.

MOBILITY OPTION

Mobility Kit (Part#: DMSOPT01) \$290
 Includes: Four 3" diameter locking swivel casters (Hard Rubber)
 36" Tall painted steel column with handles and indicator mounting plate.
 The indicator mounting plate accepts the DS100 indicator as well as our standard digital weight indicators.
 Casters add 4" in height, for a total base height of 8.875".

COLUMN OPTIONS

Tall Painted Steel Column (Part#: DMSOPT02) \$200
 36" Tall - Top of platter to the middle of the indicator.

PLATTER OPTIONS

Stainless Steel Platter - 18" x 18" (Part#: MVPOPT004) \$250
 Stainless Steel Platter - 24" x 24" (Part#: MVPOPT002) \$300

MS Bases

ROLLER CONVEYOR OPTIONS

- Roller Conveyor Option for 18" x 18" Scale Base (Part#: DMSOPT05)..... \$425
 Includes: Painted mild steel rails with six 1.9" diameter galvanized rollers on 3" centers.
 Roller weight capacity is 250lb PER ROLLER for all roller conveyor options.)
- Roller Conveyor Option for 24" x 24" Scale Base (Part#: DMSOPT04)..... \$425
 Includes: Painted mild steel rails with eight 1.9" diameter galvanized rollers on 3" centers.
 Total roller conveyor option height is 3.875" for all conveyor options. This size is not in stock,
 please call for lead time.

BALL TRANSFER OPTIONS

- Ball Transfer Option for 18" x 18" Scale Base (Part#: DMSOPT09)..... \$500
 Includes: Twenty mild steel roller balls flange mounted on the 18" x 18" platter. Height of ball
 transfer is 1.187". Maximum weight capacity is 75lb per ball.
- Ball Transfer Option for 24" x 24" Scale Base (Part#: DMSOPT06)..... \$500
 Includes: Twenty mild steel roller balls flange mounted on the 24" x 24" platter.
 Height of ball transfer is 1.187". Maximum weight capacity is 75lb per ball.

Dockage Scale

GrainGrader



Dockage Scale

KEY FEATURES

- Calculates dockage (foreign material) to 0.01 %
- Can be configured for three commodity cups (quart, liter, or cup)
- Test weights in pounds per bushel or kilogram per hectoliter to 0.01
- All stainless steel construction – durable and easy to clean
- Proprietary overload protection to ensure long life
- Motion detection to eliminate errors in zeroing, printing and storing sample values into Memory
- Push Button 2-Point Calibration and Parameter Programming
- NTEP certified for accuracy and legal for trade
- Two year warranty
- Built in the USA



SPECIFICATIONS

Warranty:	Two Years
Power:	110 VAC
Communications:	RS232 Bi-directional Serial data to printer and/or computer
Dimensions:	Overall 8.25" W x 11.25" L x 4.5" H Platter 6" W x 5" L
Weight Capacity:	2,000g
Resolution:	0.2g
Product Weight:	8.4lbs
Shipping Weight:	11lbs

APPROVALS

U.S. Legal for Trade - NTEP

CC# 16-025 (10,000d)



Canadian Legal for Trade - Measurement Canada

AM-6018C (10,000d)



GIPSA Approved



Dockage Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	PRICE
GrainGrader	4.4 x 0.0004	2000 x 0.2	\$1,650



Airline Baggage Scales

Low-Profile Baggage Scale

Recess Mount Baggage Scale

Curbside Baggage Scale



Baggage Scale

KEY FEATURES

Low-Profile Baggage Scale

- The Original Low-Profile Base Design
- Reliable, Heavy Duty, Field-Proven Design
- Front Panel Calibration
- Modular Design for Easy Field Service
- Base is 1.375" High
- 14 ga platter

Recess Mount Baggage Scale

- Straight-Sided Platter for Recess Mount in Bagwell
- Reliable, Heavy-Duty Field-Proven Design
- Front Panel Calibration
- Modular Design for Fast and Easy Field Service

Curbside Baggage Scale

- 24" x 24" Base
- Heavy Duty, Welded Construction
- 36" High Column with Handles
- Four 3" Diameter Locking Swivel Casters



Remote Display



Main Display

SPECIFICATIONS

Warranty:	One Year
Capacities:	250, 300, 500, or 1000lb
Resolution:	0.5lb or 0.2kg
Display:	6 Digit, red LED, 0.56" High
Controls:	Zero (On/Off), Units
Power:	115 VAC 60Hz Wall Mount Transformer UL/ULc (230 VAC Optional)
Units:	lb or kg
Output:	Bi-directional RS-232
Construction:	Low-Profile Base - Galvanized Steel Frame Recess Mount Base and Curbside Baggage Scale - Painted Mild Steel Frame
Dimensions:	Low-Profile Base - 29.5" x 32" x 1.64" Low-Profile Custom Sizes Available: From 18" x 18" to 48" x 36" Recess Mount Base - 24" x 24" x 5.25" High Curbside Baggage Scale - 24" x 28" x 8.9" High
Options:	Remote Switch Control Box

APPROVALS

U.S. Legal for Trade - NTEP

Indicator

CC# 05-061 (5,000d)

Low-Profile Base

CC# 13-094 (1,000d)

Recess Mount and Curbside Base

CC# 13-110 (5,000d)



Canadian Legal for Trade - Measurement Canada

Recess Mount Base

CC# AM-5926 (5,000d)

Low-Profile Base

CC# AM-5421 (1,000d)



Baggage Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	BASE SIZE	PRICE
Indicator Only				
DS100-BM (Baggage Main Display)				\$350
DS100-BR (Baggage Remote Display)				\$250
DS100 (Curbside Scale Display)				\$326
Low-Profile Baggage Scale – Main Display				
DBS6300M/29.532 ¹	300 x 0.5	136 x 0.2	See Note	Call for Quote
DBS6500M/29.532 ¹	500 x 0.5	227 x 0.2	See Note	Call for Quote
Low-Profile Baggage Scale – Main and Remote Display				
DBS6300MR/29.532 ¹	300 x 0.5	136 x 0.2	See Note	Call for Quote
DBS6500MR/29.532 ¹	500 x 0.5	227 x 0.2	See Note	Call for Quote

Low-Profile Custom Sizes are available call for quote



Recess Mount Baggage Scale - Main Display				
DBS5250M	250 x 0.5	113 x 0.2	24" x 24"	\$1,775
DBS5500M	500 x 0.5	227 x 0.2	24" x 24"	\$1,775
DBS51000M	1000 x 0.5	454 x 0.2	24" x 24"	\$1,775
Recess Mount Baggage Scale - Main and Remote Display				
DBS5250MR	250 x 0.5	113 x 0.2	24" x 24"	\$2,010
DBS5500MR	500 x 0.5	227 x 0.2	24" x 24"	\$2,010
DBS51000MR	1000 x 0.5	454 x 0.2	24" x 24"	\$2,010



Curbside Baggage Scale				
DCS5250	250 x 0.5	113 x 0.2	24" x 24"	\$1,766
DCS5500	500 x 0.5	227 x 0.2	24" x 24"	\$1,766
DCS51000	1000 x 0.5	454 x 0.2	24" x 24"	\$1,766



NOTE ¹ Exact outside base dimensions are required for CUSTOM low-profile base sizes. We can manufacture custom sizes from 18" x 18" to 48" x 36" or a total of 1,728 square inches. Typical production lead time is 6 weeks. Custom sizes are non cancellable and non returnable.

Baggage Scale

LOW-PROFILE & RECESS MOUNT BAGGAGE SCALE OPTIONS

Remote Switch Box - UNITS and ZERO (on/off) Stainless Steel Front Bezel, Panel Mount (Part#: DBSOPT001)	\$75
RS-232 Serial Data Output, with 4 wire shielded cable, 10 ft., with 9 pin FEMALE "D" connector (Part#: DBSOPT002)	\$35
Typically used for scale to PC connections	
230 VAC Operation (Part#: DBSOPT003)	\$25
Cable to Connect Main Display to Remote Display (Part#: WCB0186)	\$25

CURBSIDE SCALE OPTIONS

Stainless Steel Platter (Part#: DCSOPT001)	\$300
--	-------

Weighing Systems

FC6300 Series SS Formula Control Scale

BC6500 Bulk Control Indicator

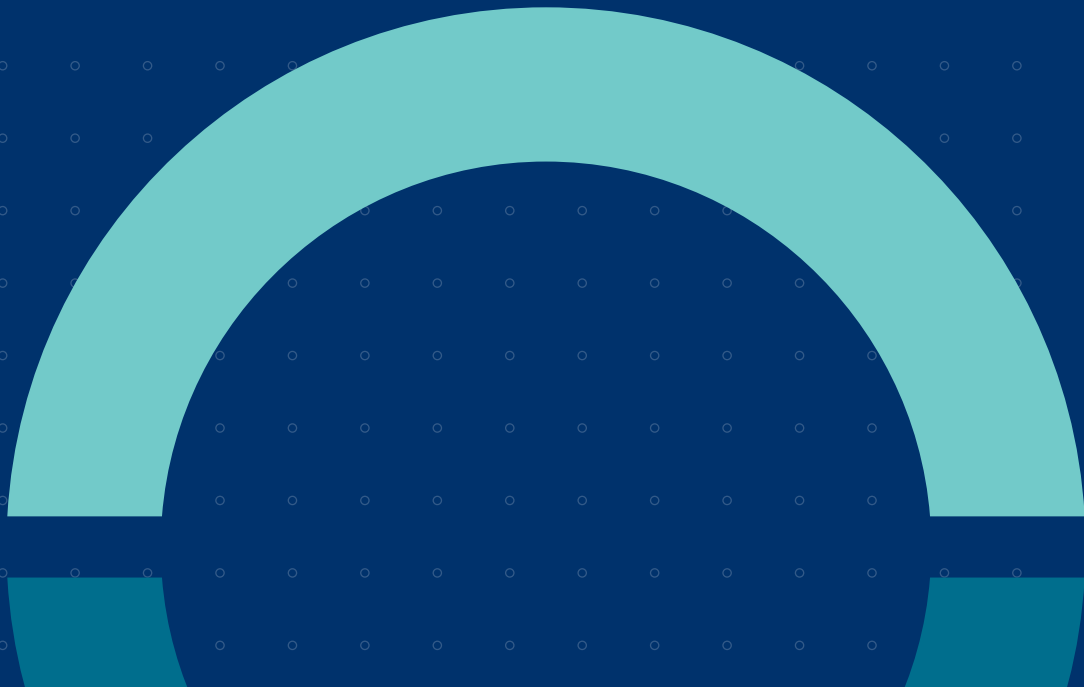
QC Weigh Data Collection Software

CheckWay Data Collection Software

Dimension Indicator Configuration Software

Performance ID Data Collection Software

Excelsator Data Collection Software



SS Formula Control Scale



KEY FEATURES

- Guaranteed Ingredient Savings
- Consistent Scaling Equals Consistent Product
- Ensures Employee Accountability
- Fast, Accurate, and Easy Lot Traceability

Scale Base

- Interfaces with the FC6300 Formula Control Scale
- Stainless Steel Construction
- Includes Second Scale Input

SPECIFICATIONS

Warranty:	Two Years
Display:	LCD - 7" TFT LCD, 800 x 480
Controls:	Clear, Enter, Start/Stop, Lot Id, Recall, Zero, Menu, F1, and Alphanumeric Keypad
Power:	115 VAC, 50/60 Hz (230 VAC Optional)
Communications:	Standard: USB & Wired Ethernet
Optional:	Wireless Ethernet
Construction:	304 Stainless Steel (16 Gauge)
Dimensions:	8" H x 10" W x 3.75" D (Indicator)

SS Formula Control Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	BASE SIZE	PRICE
Indicator and ionSuite™					
FC6300					–
FC6300 Scale and ionSuite with 20" Column					
FC63100SP/1818	100 x 0.01	45 x 5g	1600 x 0.2	18" x 18"	–
FC63150SP/1818	150 x 0.01	68 x 5g	2400 x 0.2	18" x 18"	–
FC63250SP/1818	250 x 0.02	113 x 10g	4000 x 0.5	18" x 18"	–
FC63500SP/1818	500 x 0.05	227 x 20g	8000 x 1	18" x 18"	–
FC63100SP/1824	100 x 0.01	45 x 5g	1600 x 0.2	18" x 24"	–
FC63150SP/1824	150 x 0.01	68 x 5g	2400 x 0.2	18" x 24"	–
FC63250SP/1824	250 x 0.02	1113 x 10g	4000 x 0.5	18" x 24"	–
FC63500SP/1824	500 x 0.05	227 x 20g	8000 x 1	18" x 24"	–
FC63100SP/2424	100 x 0.01	45 x 5g	1600 x 0.2	24" x 24"	–
FC63150SP/2424	150 x 0.01	68 x 5g	2400 x 0.2	24" x 24"	–
FC63250SP/2424	250 x 0.02	113 x 10g	4000 x 0.5	24" x 24"	–
FC63500SP/2424	500 x 0.05	227 x 20g	8000 x 1	24" x 24"	–
Optional Second Scale Base					
DXL7002/88-FC	2 x 0.0002	0.9 x 0.1g	32 x 0.005	8" x 8"	–
DXL7005/88-FC	5 x 0.0005	2.3 x 0.2g	80 x 0.01	8" x 8"	–
DXL7002-FC	2 x 0.0002	0.9 x 0.1g	32 x 0.005	10" x 10"	–
DXL7005-FC	5 x 0.0005	2.3 x 0.2g	80 x 0.01	10" x 10"	–

Call us at 800.264.4106 for a quote on FC6300 Series SS Formula Control Scale products.

SS Formula Control Scale

HEAVY DUTY BARCODE SCANNER

Heavy Duty Barcode Scanner (Part#: 63OPT10) \$1,345
Includes: Handheld barcode wand with mating connector for barcode connection on rear of indicator.



COLUMN OPTIONS

Upgrade from a 20" to a 30" Column (Part#: EXOPT134) \$175

STAINLESS STEEL TABLE

Stainless Steel Table with Casters (Part#: ENC0907) Call for Quote
Includes: Scale input and load cell watertight - Does not include a scale platform.

COMMUNICATIONS AND DATA OUTPUT OPTIONS

Weatherproof Ethernet Junction Box 1/2" Conduit (Part#: 63OPT19) \$210
Weatherproof Ethernet Junction Box 3/4" Conduit (Part#: 63OPT20) \$210
High Flex, Ethernet Patch Cable, 5M/16.4 ft & Mating IP67 Connectors (Part#: 63OPT21) \$125

Weatherproof Ethernet Junction Box

Includes washdown safe mating connector for Ethernet Patch Cable.



High Flex, Ethernet Patch Cable

Features IP67 Rated connectors.



Wireless Ethernet - 802.11b (Part#: 63OPT01) \$995
Waterproof, Wireless Keyboard (PC Keyboard - Battery Powered - Rated IP68) (Part#: 63OPT22) \$195

SS Formula Control Scale

FORMULA LOADER SOFTWARE OPTIONS

Production Scheduler Module (Part#: 63OPT12)	\$3,500
SQL Database Module (Part#: 63OPT13)	\$2,500
Park and Retrieve (Part#: 63OPT25)	\$2,500
Inventory Traxx (Part#: SFT0013)	\$2,500
ERP Integration (Part#: 63OPT14)	Call for Quote

SUPPORT, INSTALLATION, AND TRAINING

Support, Installation, and Training (Daily Rate - 8 Hours - 8-5 PM) (Part#: 63OPT15)	\$1,200
--	---------

Please note: This item's price is the net price, discount does not apply. Does not include travel expenses if required.

PRINTER OPTIONS

Barcode Label Printer (non-washdown) and Printer Cable (Part#: 63OPT23)	\$675
---	-------

Includes: Label printer and RS232 cable with 6 pin quick disconnect to mate with connector on rear of indicator.
Washdown stainless steel enclosure available – call for quote.

4" x 4" Thermal Label Stock (1 Roll of 700 Labels) (Part#: PRT0010)	\$35
---	------



Barcode Label Printer
Part#: 63OPT23

SS Bulk Control Indicator



KEY FEATURES

- Provides Process Control for measuring Bulk Ingredients and ensuring correct formulation
- Tracks ingredient Lot ID's
- Confirms proper ingredients being applied to bulk ingredients with barcode scanner
- Combines micro, minor and bulk ingredient weights into one record
- Auto learning setpoint feature compensates for changing process inputs
- Controls bulk ingredient metering processes
- Can interface with existing load cells
- Utilizes SQL Express Database standard

SPECIFICATIONS

Warranty:	Two Years
Display:	LCD - 7" TFT LCD, 800 x 480
Controls:	Clear, Enter, Start/Stop, Lot Id, Recall, Zero, Menu, F1, and Alphanumeric Keypad
Power:	115 VAC, 50/60 Hz (230 VAC Optional)
Communications:	Standard: USB & Wired Ethernet
Optional:	Wireless Ethernet
Construction:	304 Stainless Steel (16 Gauge)
Dimensions:	8" H x 10" W x 3.75" D (Indicator)

SS Bulk Control Indicator

MODEL	PRICE
Indicator Only & Formula Loader Windows Based Software	
BC6500	-

FORMULA LOADER SOFTWARE OPTIONS

Production Scheduler Module (Part#: 63OPT12)	-
SQL Database Module (Part#: 63OPT13)	-
Park and Retrieve (Part#: 63OPT25)	-
Interfaces with FC6300 minor and micro ingredient database to provide a complete Formula Control and Lot ID tracking solution for all ingredients used in a batch.	
Inventory Traxx (Part#: SFT0012)	-

HEAVY DUTY BARCODE SCANNER

Heavy Duty Barcode Scanner (Part#: 63OPT10)	-
Includes: Handheld barcode wand with mating connector for barcode connection on rear of indicator.	



ONSITE SUPPORT, INSTALLATION, AND TRAINING

Onsite Support, Installation, and Training (Daily Rate - 8 Hours - 8-5 PM) (Part#: 63OPT15)	-
---	---

PRINTER OPTIONS

Barcode Label Printer (non-washdown) and Printer Cable (Part#: 63OPT23)	\$675
Includes: Label printer and RS232 cable with 6 pin quick disconnect to mate with connector on rear of indicator. Washdown stainless steel enclosure available – call for quote.	
4" x 4" Thermal Label Stock (1 Roll of 700 Labels) (Part#: PRT0010)	\$35



Call us at 800.264.4106 for a quote on BC6500 Series SS Bulk Control Indicator products.

Barcode Label Printer
Part#: 63OPT23

Data Collection Software

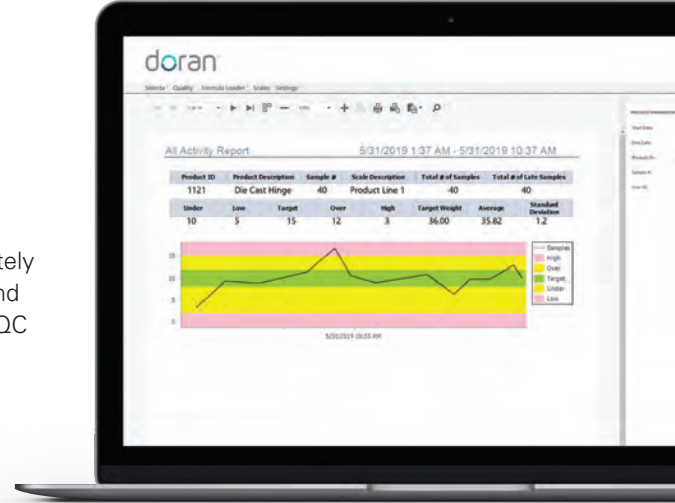
KEY FEATURES

- View Critical QC Data in Real Time
- Easy to Configure and Use
- Assures Employee Accountability
- Fast Return on Investment

Reducing cost of poor quality starts with actionable data that is delivered accurately and quickly. QC Weigh software achieves that by capturing quality control data and transmits the data to your customer's desktop. In addition to on screen display, QC Weigh can be configured to send this data to your customer's e-mail inbox.

QC Weigh provides data that your customer can trust. Handwritten QC records have been shown to be inaccurate and pages and pages of handwritten records make it impossible to pinpoint manufacturing problems.

Employees are held accountable for accurate QC sampling. Using unique operator ID's, scheduled sample intervals with alarms, and data collection ensure that employees are performing quality control tasks.



MODEL	PRICE
QC Weigh Software	
SFT0006	\$1,995

Data Collection Software

QC WEIGH OPTIONS

SQL Database Module (Part#: 62OPT17)	\$2,500
Support, Installation, and Training (Part#: ZZZ0057)	\$1,200
<i>Please note: This item's price is the net price, discount does not apply. Does not include travel expenses if required.</i>	

REQUIRED SCALE OPTION

Configure 2200CW to be compatible with QC Weigh (Part#: EXOPT214)	\$00
<i>Refer to the 2200CW scale section for detailed specifications of these scales and other capacities and sizes.</i>	

REQUIRED COMMUNICATIONS OPTIONS

Ethernet - Wired* (Part#: EXOPT302)	\$395
<i>Includes: Internal Ethernet interface board with sealed RJ45 connector on the back of the scale.</i>	
Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150)	\$65
<i>Includes: One NEMA4X connector to mate to the connector on the back of the scale. Installs on customer supplied cable. Requires a RJ45 cable crimping tool.</i>	
Ethernet - Wireless 802.11b* (Part#: EXOPT303)	\$395
<i>Includes: Internal Ethernet interface board and a 3.5" long flexible antenna with a NEMA4X bulkhead mount on the back of the meter.</i>	

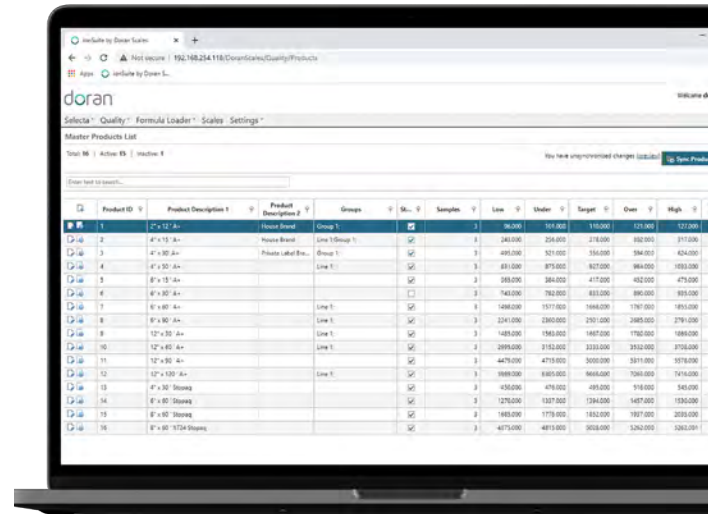
NOTE * *This option is not field installable, call Doran for more details.*

Data Collection Software

KEY FEATURES

- Create a database of products that can be edited and assigned
- CheckWay is web-based, mobile compatible and accessible from any browser — cloud-based or install on premise with access from internal systems
- Manage selected product IDs for one scale, all scales, or groups of scale
- Ensure that product IDs are loaded properly in each scale to maintain correct checkweighing within set tolerances
- Prevent manual ID entry errors and prevent operator reconfiguration of product IDs management is in control

CheckWay software is designed for the 2200CW Checkweigher, with easy-to-use controls for managing Product IDs and User IDs from a desktop or portable device with wired ethernet or wireless Internet access. CheckWay can be used to manage one scale or control multiple lines — replacing manual entry to deliver saving time, improving quality control and delivering cost savings.

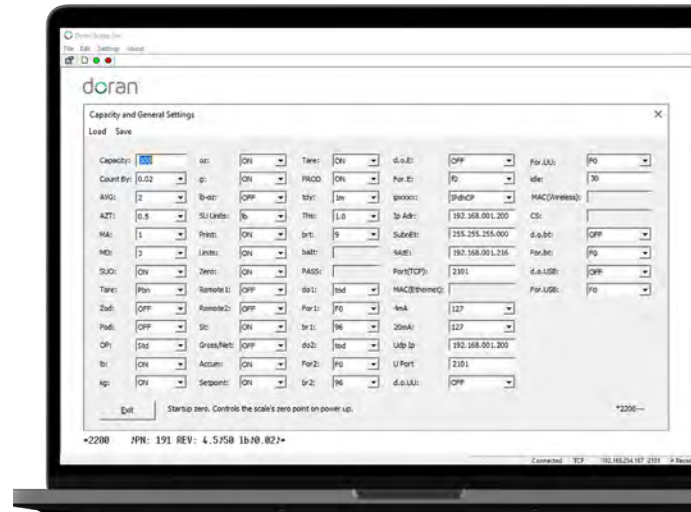


MODEL	PRICE
CHECKWAY SOFTWARE	
SFT0005	\$675

Indicator Configuration Software

KEY FEATURES

- Compatible with 7000XL, 4300, 2200 and 2200CW
- Configure all scale parameters including network settings and the creation of custom data strings for data collection or barcode label printers
- View and change scale configurations on the setup screens and send commands to the scale
- Send longer command string or complete file to the scale: Enter the string in the supplied window or send a .txt file containing the commands to the scale
- Communicate with the scale, verify the data string of any scale, and send remote commands to the scale
- Specific to the 2200 when used as a batch controller. Provides support for Product ID, setpoint and batching: allows for creating a batch or managing a batch library (up to 100) without this software. Configure the setpoint target weight, setpoint operation



Dimension software is a real time-saver — and can give operators full control for managing network configurations on Doran indicators. Get a Network View of current settings and easily modify settings. Dimension is easy to install on a PC and can be used for one indicator or multiple indicators.

MODEL	PRICE
DIMENSION SOFTWARE	
SFT0017	\$45

PERFORMANCE ID

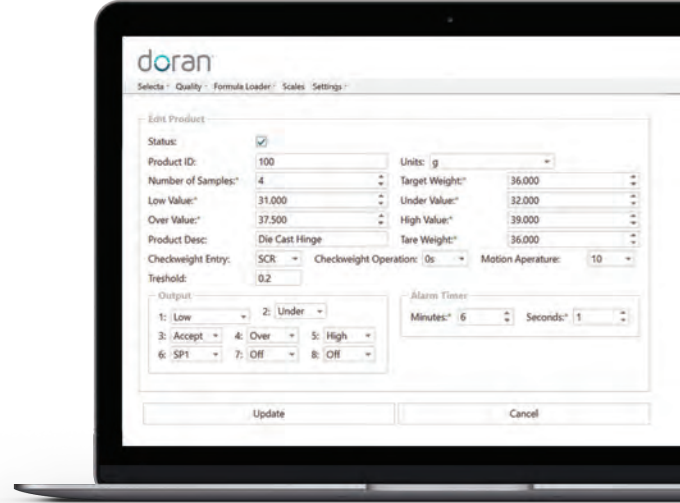
Data Collection Software

KEY FEATURES

- Remotely manage employee productivity
- Captures all weighments of each scale operator
- Plant management controls tolerances
- Reduces product giveaway due to overweight product

The Performance ID Software is a perfect compliment to Doran's 2200CW Series of checkweighers equipped with the Ethernet option. Management at production facilities now has complete control over the production floor, as well as detail reporting and analytics on the performance of specific production lines, products and employees.

The shipment of underweights and overweights can cost companies money. The shipment of too many underweights can result in rejection of shipments, fines and damaged customer loyalty. In an effort to satisfy the customer and avoid underweights, employees are encouraged to error towards the heavier side, which over time results in massive product giveaway. Profits are lost as product is given away for free.



MODEL

Performance ID Software

SFT0008

PRICE

Call for Quote

Data Collection Software

KEY FEATURES

- Automated Data Collection
- Collect Data from up to 20 Scales
- Assures Employee Accountability
- Import User Defined Data Strings

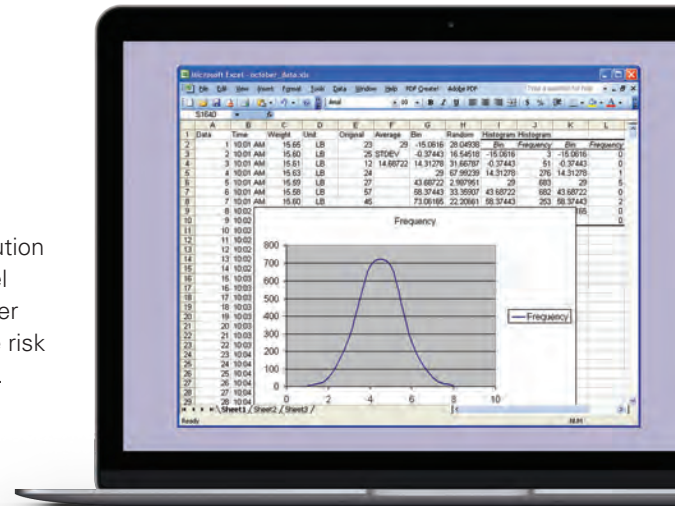
Introducing Excelsator, a powerful, easy to use, and cost effective software solution designed to collect data from any Doran Scale and transfer it to a Microsoft Excel spreadsheet. The Doran Excelsator Data Collection Software gives you the power to accelerate your data collection. Automate your data collection and remove the risk of human error with the easy to use Doran Excelsator Data Collection Software.

Flexible Communication and Data Formatting

Whether it's one Doran Scale connected to a PC, or up to 20 Doran Scales installed throughout your plant, the Excelsator can handle it all. Streaming data from the scale can be sent to the PC via a local RS232 or USB port, or across a wired or wireless Ethernet network. You can even harness the power of the Internet by remotely collecting data from scales on the other side of the world.

Easy to Use

Once configured, you can begin collecting data into Microsoft Excel in just two mouse clicks, it's really that simple. By designing the Excelsator program to work seamlessly with Doran Scales, and relying on a visual interface that eliminates custom programming, initial setup time is measured in minutes, not hours like many other data collection programs.



MODEL	PRICE
Excelsator Software	
SFT0001	\$795



WARRANTIES
TERMS & CONDITIONS

SERVICE AND WARRANTY POLICY

RETURN POLICY

1. No returns will be accepted after 30 days after the invoice date.
2. All returns must have an RMA number marked clearly on the outside of the box.
3. No returns for credit are accepted 30 days after invoice. All returns are subject to a minimum 15% restocking fee. The restocking fee is based upon the amount of time and material required to return the item to resalable condition. A restocking fee will be quoted upon the evaluation of the returned equipment.
4. Items that cannot be returned:
 - Equipment that has been used or shows excessive wear and cannot be reconditioned and resold will not be accepted for return or credit.
 - Equipment that does not contain the original components unless there is an RMA or parts order history with Doran.
 - Electronic components returned in improper packaging. All electronic components must be shipped in packaging that protects against electrostatic discharge (ESD)
 - Non catalog, special order or modified product
 - Special software
 - Opened software packages
 - Airline baggage scales

REPAIR POLICY

1. Every repair must have an RMA number clearly marked on the outside of the box.
2. Hourly rate for repairs is \$85 / hour.
3. Once evaluated, the service department will contact you with a repair cost before repairs are made.
4. A \$85 list evaluation charge will be issued for product not repaired, plus the cost of shipping if returned. The evaluation charge will be waived if a similar new product is purchased by the end user in lieu of repair.
5. If the cost of repair is 50% or greater than the cost of a new product, you will be contacted to explore if a new product purchase is a better fit than a repair for your customer.

IS REPAIR POLICY

Field repair or modification of all intrinsically safe equipment will void all warranties expressed or implied and void Certifier approval. All UL approved products in the 8100IS and 8200IS section are fully repairable.

The discontinued 8000IS FM approved system will continue to be repaired. It is a requirement that the device to be repaired and placed back into service must have the original FM label attached to the device. Doran cannot generate new FM marks or labeling after delisting of the 8000IS system components.

The following items can be repaired:

- 8000BIS Battery Pack

STANDARD PRODUCT LIMITED WARRANTY

Doran Scales, Inc. (the “Company”) warrants that all products manufactured or sold by the Company for industrial use (“Products”) shall be free from defects in material and workmanship for a period of two (2) years from the date of original shipment from the Company (the “Warranty Period”). Any Product found to be defective within the Warranty Period may be returned to the Company, freight prepaid, with prior return authorization and proof of purchase showing date of original sale. If the Product is defective in workmanship or material, the Company will, at its option, repair or replace such Product with an equivalent Product. This Standard Product Limited Warranty (the “Warranty”) is subject to the following conditions:

- i. Buyer must promptly notify the Company, in writing, of the nature of the claimed defect. Buyer must obtain a written return authorization prior to shipping any Product to the Company. Any Product returned to the Company without a written return authorization shall be sent back to Buyer at Buyer’s expense.
- ii. Within the first ninety (90) days of the Warranty Period, the Warranty will cover up to two (2) hours of travel time, up to one (1) hour of labor, and the parts to perform work covered by the Warranty at Buyer’s facility, provided that the work is performed by the authorized distributor from whom the Product was purchased. If any other authorized distributor performs the work, only the cost of parts will be covered. If the product is shipped to the Company, the cost of parts and labor will be covered. Doran will not cover labor and travel time higher than our standard authorized distributor warranty rates.
- iii. After the first ninety (90) days of the Warranty Period, this Warranty covers the cost of parts only. Buyer may have the Warranty work done as follows:
 - By shipping the Product to the Company together with the written return authorization issued by the Company and proof of purchase showing date of original sale; or
 - By arranging with an authorized distributor to have the work done.
- iv. This Warranty does not cover work done or parts installed by any person or entity other than the Company or an authorized distributor.
- v. The Buyer is responsible for shipping the Product to the Company, freight pre-paid. If the Company determines that this Warranty applies and performs warranty work or replaces the Product, then Company shall be responsible for shipping the Product back to the Buyer, freight pre-paid. Any shipment costs other than standard ground or dock to dock delivery within the contiguous United States and Canada will be Buyer’s responsibility.
- vi. Company is not responsible for any defects caused by any factor beyond Company’s control including, by way of example, but not limited to, accident, misuse, power surge, lightning strike, negligent handling, improper installation, improper repair, improper testing, vandalism or sabotage. The determination of the cause of a defect or damage to a Product shall be made solely by the Company.
- vii. Any Product that has been modified or altered by any person or entity other than the Company or repaired by any person or entity other than Company or an authorized distributor shall not be covered by this Warranty.
- viii. This Warranty does not apply to Company’s line of products for medical use.
- ix. Batteries are covered by this Warranty only for the first ninety (90) days of the Warranty Period. Any component of a Product that was manufactured by another party and is covered by a separate warranty is not covered by this Warranty.
- x. Company shall have a reasonable amount of time to repair or replace any Product covered by this Warranty.
- xi. Any defects or damage directly or indirectly caused by or resulting from the use of unauthorized replacement parts or components in the Product are not covered by this Warranty.
- xii. The decision as to whether a Product covered by the Warranty shall be repaired or replaced shall be made solely by the Company.

All warranty work by the Company or an authorized distributor shall be performed during normal business hours, on week days, excluding federal holidays.

STANDARD PRODUCT LIMITED WARRANTY

Company's liability under this Warranty is limited to the cost of repair or replacement of the Product covered by this Warranty. Company will not be liable for consequential or indirect damages, including but not limited to, loss of business or profits. Company will not be liable for damages to the Product, other equipment or personal property, or personal injury or death caused by or resulting from a defect covered by this Warranty or caused by or resulting from misuse, overload, accident, alteration, improper installation or unauthorized opening of the Product. Company will not be liable for any loss or consequential damages caused by or resulting from any errors or deficiencies in the functioning or performance of the Product. In no event will the Company's aggregate liability under this Warranty exceed the total price paid by the Buyer for any Product determined to be defective.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. THIS WARRANTY CONSTITUTES THE COMPANY'S SOLE AND EXCLUSIVE WARRANTY. ALL OTHER WARRANTIES, EXPRESS OR IMPLIED ARE HEREBY DISCLAIMED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

SERVICE AND WARRANTY POLICY

OBTAINING AN RMA

1. Contact our technical support team for an RMA number.
2. Clearly write the RMA number on the outside of the box before returning to Doran.
3. If an RMA is being issued for a warranty evaluation, a \$85 list evaluation charge, plus the cost of shipping if returned will be issued if the product is found not to be covered under warranty.
4. If the product returned is for evaluation and repair, a \$85 list evaluation charge, plus the cost of shipping if returned will be issued for product not repaired. The evaluation charge will be waived if a similar new product is purchased by the end user in lieu of repair.

WARRANTY DURATION – INDUSTRIAL

PRODUCT/SERVICE			WARRANTY DURATION
7000XL 7400 4300 2200	2200CW DSS Bases DXL Bases FC6300	BC6500 DMS Bases	2 Years
DS100 DS100-BM DS100-BR	DBS SIL Bases 550	PC400	1 Year
Rechargeable Batteries Replacement Parts			90 Days
Service Repairs			90 Days Complete product must be returned to Doran for warranty evaluation

WARRANTY CLAIM PROCEDURE

WARRANTY CLAIM PROCEDURES

1. If you have determined that a possible warranty claim exists, please remind the customer that the parts must be inspected at the factory for the final determination if the malfunction is covered under warranty. You must be prepared to bill the customer for your time if Doran does not find faults with the returned product that is covered under the warranty.
2. All claims must be submitted within thirty (30) days from the date the work is completed.
3. The warranty claim form (on the next page) must be completely filled out and submitted to the Doran tech team for review and approval.
4. Defective parts must be returned to the factory for evaluation. An RMA is required for any returned items.
5. If the returned item is not covered under warranty a \$85 list evaluation fee will be charged.
6. Warranty claims are only honored for authorized distributors with an open account.
7. Service repairs performed in the field can not be reimbursed.
8. Warranty claims can only be submitted for indictators, bases, and scales. Replacement parts are exempt from warranty claims.

WARRANTY REPAIR RATES

As stated in the warranty: Within 90 days of scale installation, only the dealer who sold the scale can submit a warranty claim for labor and travel time performed by their employees. Any costs beyond these rates and allowable times will not be honored.

Labor – \$40 per hour

Travel time – \$35 per hour

The maximum amount of labor is 1 hour per warranty claim for load cell, touchpanel or motherboard replacement.

The maximum amount of travel time is 2 hours per warranty claim.

STANDARD TERMS AND CONDITIONS OF SALE

- 1. CONDITIONS OF SALE:** All orders for Doran Scales, Inc. products and services shall be subject to the terms and conditions listed below. No modification of these terms and conditions, or any other conditions will be recognized by Doran Scales, Inc. unless specifically agreed to in writing by an authorized representative of Doran Scales, Inc. The failure of Doran Scales, Inc. to object to provisions contained in any order or other communication from the purchaser shall not be construed as a waiver of these terms and conditions or an acceptance of such provisions.
- 2. PRICES:** Prices are subject to CHANGE WITHOUT NOTICE. Orders placed (and released for shipment within 30 days) prior to the effective date of any increase will be protected for thirty (30) days from the date of that price increase.
- 3. ERRORS:** All clerical errors are subject to correction.
- 4. TAXES:** Any manufacturer's tax, use tax, sales tax, or tax or duty of any nature whatsoever, which may be assessed against this order, shall be added to the price quoted or invoiced and shall be paid by the purchaser. In the event Doran Scales, Inc. is required to pay such a tax or duty, the purchaser shall reimburse Doran Scales, Inc., or shall provide Doran Scales, Inc., at the time the order is submitted, with exemption certificates or other documents acceptable to taxing or customs authorities.
- 5. CHANGE ORDERS:** Changes from the original specifications on which an accepted order or proposal is based, will not be accepted unless requested in writing and subject to the following conditions; in the event such change increases the cost of any product, including actual component cost and expenses incurred in modifying a partially or completely manufactured product, then such additional expenses shall be added to the original accepted price.
- 6. PENALTIES AND DELAYS:** No penalty clause of any kind shall be effective unless specifically approved in writing by an authorized representative of Doran Scales, Inc. Doran Scales, Inc. shall not be liable for any damage caused by delays beyond Doran Scales, Inc. control. This includes, with limitation, fire, strike, Act of God, transportation failures, or inability to obtain labor, material or manufacturing facilities. In the event of such a delay, the date of delivery shall be extended for a period equal to the time lost by reason of the delay.
- 7. CANCELLATION:** Any order or contract may be canceled by the purchaser only upon payment of the reasonable charges based upon expenses already incurred and commitments made by Doran Scales, Inc. All orders for baggage scales are non-cancelable and non-returnable.
- 8. DELIVERY:** Doran Scales, Inc. products are shipped F.O.B. St. Charles, Illinois. Delivery dates are approximate and are based on prompt receipt of all necessary information from the purchaser. Delivery will be made and title will pass F.O.B. point of shipment to the purchaser. Risks of loss or damage pass to the purchaser on shipment.
- 9. INACCURATE INFORMATION:** If Buyer (or Buyer's forwarder) provides inaccurate or insufficient information, or reroutes a shipment in-transit, then Buyer is responsible for the original freight bill and any additional costs, fees, fines, charge-backs or penalties incurred with the freight company. In addition, if the Buyer provides inaccurate shipping information the Buyer is still responsible for full payment for the product and freight, per original terms, as well as any freight damage, and any/all cost incurred by the Seller, to re-route, or reship the shipment.
- 10. DAMAGE OR LOSS IN SHIPMENT:** Great care is taken in the packaging of Doran Scales, Inc. products. Doran Scales, Inc. is not responsible for damage or loss in transit and all such claims must be made by the purchaser direct to the carrier. The receiver is responsible for making a notation of damaged or missing items when signing the carrier's delivery receipt. If you or your customer are not sure whether or not there is damage, we suggest adding a statement "CONDITION UNKNOWN" to the delivery receipt. In the event that damage or missing items are not properly documented at the time of receipt, the carrier is relieved of responsibility and the receiver is then responsible for the cost to get the product back to new condition. After the damage or shortage has been properly noted with the carrier, contact Doran Scales immediately and keep all the original packaging material for inspection by the carrier's representative.

When drop shipping to your customers, it is imperative that you advise them of their responsibility in accepting shipments from common carriers. Even if the equipment is not expected to be installed or used for a period of time, the shipment must be inspected at time of receipt in order to preserve their rights in making a claim.

STANDARD TERMS AND CONDITIONS OF SALE

11. **PAYMENT TERMS:** Doran Scales, Inc. payment terms are NET 30 days to qualified dealers. Initial orders prior to credit approval will be sent C.O.D. or pre-paid. When invoices become 15 days past due a credit hold will be imposed and shipments will be put on hold. A reasonable credit limit will be enforced until a reasonable credit record has been established. Failure to maintain a favorable credit record will result in reverting to a C.O.D. or pre-payment status. Doran Scales, Inc. reserves the right to require a 50% down payment on special orders or orders over a customer's established credit limit.
12. **MINIMUM PUBLISHABLE PRICE POLICY:** The purchaser of Doran Scales Inc. products shall not publish or allow its agents, employees, successors or assigns to publish prices for Doran Scales products whether in print, online, in catalogues or otherwise that are less than Ninety Percent (90%) below the list price of such products from time to time published by Doran Scales Inc. This policy does not apply to the PC-400 or the 550. FC6300, BC6500 are advertised online at list only.
13. **SPECIFICATIONS:** Specifications are subject to change without notice.
14. **GOVERNING LAW:** These Standard Terms and Conditions of Sale shall be interpreted, construed and governed by and under the internal laws of the State of Illinois.



40 YEARS



DORAN SCALES

883 Enterprise Court St. Charles, Illinois 60174
630.879.1200 | doranscales.com | doranmedical.com

