



2017 - 2018 DORAN SCALES PRICING CATALOG





#### DORAN'S NEW ADDRESS

883 Enterprise Court St. Charles, Illinois 60174

#### FECHNICAL SUPPORT / RETURNS

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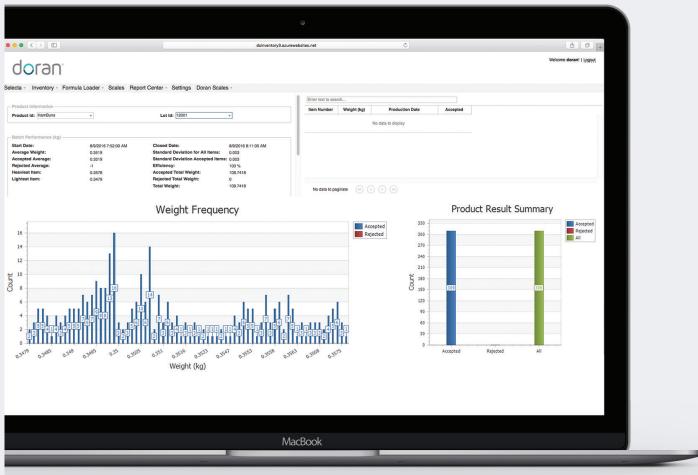
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FEATURED PRODUCT





## Truly manage your scale data.

#### SCALE SOFTWARE SOLUTIONS

Don't just collect scale data, manage that data with Doran's scale software solutions. From the cost-effective Excelerator to the powerful and feature rich new CW Software, Doran offers software designed to meet your needs.

SEE PAGE 76



#### **DORAN CHECKWEIGHER SCALES**

Doran Checkweigher Scales are different than other checkweighers, because they have advanced features, highly configurable, and has advanced software data collection support that no other manufacturer offers.

SEE PAGES 12, 20, 60

## Bench Scale Systems

7000XL Series SS Bench Scale
2200CW Series SS Checkweigher Scale
4300 Series SS Checkweigher Scale
2200 Series SS Bench Scale
MVP Series MS Bench Scale
7400 Series SS Bench Scale
PC-500 Series Scale
PC-400 Series SS 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:

Resolution Range:

Number of Load Cells:

Serial Interface:

Controls:

----

Digital I/O:

Temperature Range:

**Analog Sensitivity:** 

System Linearity:

Analog Signal Range:

4 & 6 wire input

**Excitation Voltage:** 

**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

**7000XL** SERIES

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Indicator Only					
7000XLM					\$730
With U-Bracket					
7002XL/88 <sup>1</sup>	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,258
7005XL/88	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,258
7010XL/88	10 x 0.002	4.5 x 1g	160 × 0.05	8" x 8"	\$1,258
7025XL/88	25 x 0.005	11.3 x 2g	400 × 0.1	8" x 8"	\$1,258
7002XL <sup>1</sup>	2 × 0.0005	0.9 x 0.2g	32 x 0.01	10" × 10"	\$1,258
7005XL	5 x 0.001	2.3 x 0.5g	80 × 0.02	10" × 10"	\$1,258
7010XL	10 × 0.002	4.5 x 1g	160 x 0.05	10" × 10"	\$1,258
7025XL	25 x 0.005	11.3 x 2g	400 × 0.1	10" × 10"	\$1,258
7050XL	50 x 0.01	22.7 x 5g	800 × 0.2	10" × 10"	\$1,258
7050XL/12	50 x 0.01	22.7 x 5g	800 × 0.2	12" x 12"	\$1,394
7100XL/12	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,394
7050XL/15	50 x 0.01	22.7 x 5g	800 × 0.2	15" x 15"	\$1,638
7100XL/15	100 × 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,638
7200XL/15	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,638
7100XL/18S	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$1,825
7250XL/18S	250 x 0.05	113 x 20g	4000 × 1	18" x 18"	\$1,825
7500XL/18S	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$1,825
7250XL/1824	250 x 0.05	113 x 20g	4000 × 1	18" x 24"	\$1,925
7500XL/1824	500 x 0.1	227 x 50g	8000 × 2	18" x 24"	\$1,925
7250XL/2424	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$2,225

24" x 24"

24" x 24"

\$2,225

\$2,225

With Attachmen	t Bracket - Shi	ps Attached			
7002XL/88-ABR <sup>1</sup>	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,341
7005XL/88-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,341
7010XL/88-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,341
7025XL/88-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,341
7002XL-ABR <sup>1</sup>	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" × 10"	\$1,341
7005XL-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" × 10"	\$1,341
7010XL-ABR	10 x 0.002	4.5 x 1g	160 x 0.05	10" × 10"	\$1,341
7025XL-ABR	25 x 0.005	11.3 x 2g	400 x 0.1	10" × 10"	\$1,341
7050XL-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	10" × 10"	\$1,341
7050XL/12-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,477
7100XL/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,477

227 x 50g

454 x 100g

8000 x 2

16000 x 5



**NOTE** 1. Not Legal for Trade

500 x 0.1

1000 x 0.2

7500XL/2424

71000XL/2424

Discount Level A applies to all scale options in this table.

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Ethernet, WiFi-802.11b/g,

200d to 50,000d

Up to 8, 350 Ohm

Zero, Units, and Print

0.01% full scale

-0.5 mV/V to 5mV/V

Two remote switch inputs

14° to 140° F (-10° to 40° C)

 $0.16 \,\mu\text{V/e min.}$ ,  $0.5 \,\mu\text{V/e typical}$ 

USB, Bluetooth, or 4-20 mA

Two Bi-directional RS-232 ports

7000XL SERIES 7000XL SERIES

## SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
With 14" Column	- Ships Atta	ched			
7002XL-C14 <sup>1</sup>	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,414
7005XL-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,414
7010XL-C14	10 × 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,414
7025XL-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,414
7050XL-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,414
7050XL/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,550
7100XL/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,550
7050XL/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,794
7100XL/15-C14	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,794
7200XL/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,794
With 20" Column	- Ships Sepa	arately			
7050XL/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,930
7100XL/15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,930
7200XL/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,930
7100XL/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,075
7250XL/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,075
7500XL/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,075
7250XL/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,175
7500XL/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,175
7250XL/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$2,475
7500XL/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$2,475
71000XL/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,475
PFS Series SS Por	rtable Floor	Scale with the	7000XLM Indi	icator	
7250XL-PFS	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$4,515
7500XL-PFS	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$4,515
71000XL-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$4,515



**NOTE** 1. Not Legal for Trade

Discount Level A applies to all scale options in this table.

SS Bench Scale

CALIBRATION OPTIONS	
Super Precision Calibration (Part#: EXOPT310)	\$30
POWER OPTIONS	
Internal Rechargeable Battery (Part#: EXOPT308)  Provides a truly portable and versatile digital bench scale. The rechargeable battery provides up to 60 hours of continuous use. Use this option to replace the discontinued 8000XL scale series.	\$11
External 6-12VDC Power (Part#: EXOPT307)  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.	\$10
Washdown SJOOW Power Cord (Part#: EXOPT309)  Upgrade the standard power cord to one that is suitable for extreme washdown environments.	\$30
COMMUNICATIONS & DATA OUTPUT OPTIONS	
Bluetooth Internal Communications & USB Adapter <sup>1,2</sup> (Part#: EXOPT300)	\$22
Internal Bluetooth Communications Only <sup>1,2</sup> (Part#: EXOPT301) Includes: Internal class 3 Bluetooth communication option	\$150
Ethernet - Wired <sup>1,2</sup> (Part#: EXOPT302)	\$39
Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150)	\$6
Ethernet - Wireless 802.11b/g <sup>1,2</sup> (Part#: EXOPT303)	\$39
USB Communications¹ (Part#: EXOPT304)  Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on the back of the 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.	\$19
USB Waterproof Cable, 10 Feet Long (IP67 Rated) (Part#: EXOPT305).	\$9
USB Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311)	\$6
4-20mA Analog Output <sup>2</sup> (Active) Option (Part#: EXOPT306) 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.	\$19
<ol> <li>This option is not field installable, call Doran Scales for more details.</li> <li>The following combination of Communication &amp; Data Options are possible:         <ul> <li>a. Wired Ethernet + 4-20 + USB</li> <li>b. Bluetooth + USB</li> <li>c. Wireless Ethernet + USB</li> </ul> </li> </ol>	
Discount Level C applies to all options and replacement parts.	

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7000XL SERIES 7000XL SERIES

DATA COLLECTION AND MANAGEMENT SOFTWARE

## 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, pigtail ends (Part#: EXOPT118)	\$65
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 10" x 10" Base (Part#: EXOPT136)	\$195
Stainless Steel Load Cell for 12" x 12" Base (Part#: EXOPT137)	\$225
Stainless Steel Load Cell for 15" x 15" Base (Part#: EXOPT138)	\$225
Stainless Steel Load Cell for 18" x 18", 18" x 24", or 24" x 24" Base (May require an extended lead time.)	
(100lb Capacity - Part#: EXOPT179-100LB) \$495 (250lb Capacity - Part#: EXOPT179-250LB)	\$495
(500lb Capacity - Part#: EXOPT179-500LB)	\$495
NOTE Stainless steel load cell options are not recommended for 10,000d resolution. Cannot be used in Legal for Trade applications.	
PRINTER OPTIONS	
Thermal Label Printer (Part#: PRT0350-C)  Thermal label printer includes scale to printer cable. For additional details, see the printer price page in the Printers section of this catalog.	\$600
Custom Label Formatting (Part#: CUSTOM-LABEL)  Formatting for one label. Complex labels may require an additional charge.	\$215
Impact Printer (Part#: PRT0351-C)  Paper tape printer includes scale to printer cable.	\$600

SS Bench Scale

	cale is compatible with the following software. See the Weighing Systems section for more details.  erator Data Collection Software (Part#: SFT0001)	\$595
REM	IOTE SWITCH OPTIONS	
Standa	ard Remote Switch, configured for remote ZERO (non-washdown) (Part#: EXOPT115)	\$90
Standa	ard Remote Switch, configured for remote PRINT (non-washdown) (Part#: EXOPT116)	\$90
Standa	ard 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"	
QUIC	CK DISCONNECT OPTIONS	
Load C	Cell Cable Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT140)  8 pin bulkhead mount on the back of the indicator & the mating connector is attached to the load cell cable.	\$98
Remot	te Switch Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT141)	\$98
Serial (	Cable (DB9 - Female) Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT172)	\$98
Serial (	Cable (DB9 - Male) Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT174)	\$98
NOTE	Quick disconnect options are not field installable, call Doran Scales for more details.	
EXT	RA HOLE	
Drill Ex	Required for multiple RS-232 communication options and remote switches.  Consult factory when ordering multiple communication options.	\$150

Discount Level C applies to all options and replacement parts.

Discount Level C applies to all options and replacement parts.

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2200CW SERIES 2200CW SERIES

## SS Checkweigher Scale

#### **KEY FEATURES**

#### Indicator

- 250 product ID's memory
- · 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 setpoint outputs
- Available in multiple configuration options (shown here with 14" column)

#### **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 Parts & Labor

Power Input: 115 VAC, 50/60 Hz
(230 VAC Optional)

Optional Battery: Internal rechargeable battery

**Optional Communication** Ethernet, WiFi-802.11b/g, **Interfaces:** USB, Bluetooth, or 4-20 m

Interfaces: USB, Bluetooth, or 4-20 mA

Resolution Range: 200d to 50,000d

Number of Load Cells: Serial Interface:

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:

**System Linearity:** 

0.5 uV/e min.

Up to 8,350 Ohm

Analog Sensitivity:

0.11 mV/V to 7Mv/V

Analog Signal Range:

0.01% full scale

-0.5 mV/V to 5mV/V 4 & 6 wire input

#### APPROVALS

#### U.S. Legal for Trade - NTEP

Indicator: CC# 06-101 (10,000d)

Bases 8"  $\times$  8" to 15"  $\times$  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					\$840	
With U-Bracket						
2202CW/881	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,400	
2205CW/88	5 × 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,400	
2210CW/88	10 × 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,400	
2225CW/88	25 x 0.005	11.3 x 2g	400 x 0.1	8" x 8"	\$1,400	
2202CW1	2 × 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,400	
2205CW	5 × 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,400	
2210CW	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,400	
2225CW	25 x 0.005	11.3 x 2g	400 x 0.1	10" × 10"	\$1,400	
2250CW	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,400	doran = =
2250CW/12	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,540	
22100CW/12	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,540	850503
2250CW/15	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,790	•
22100CW/15	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,790	
22200CW/15	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,790	
22100CW/18S	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$1,935	
22250CW/18S	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$1,935	
22500CW/18S	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$1,935	
22250CW/1824	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,035	
22500CW/1824	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,035	
22250CW/2424	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$2,335	
22500CW/2424	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$2,335	
221000CW/2424	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$2,335	

With Attachmen	t Bracket - Ship	os Attached			
2202CW/88-ABR1	2 × 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,485
2205CW/88-ABR	5 × 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,485
2210CW/88-ABR	10 × 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,485
2225CW/88-ABR	25 x 0.005	11.3 x 2g	400 × 0.1	8" x 8"	\$1,485
2202CW-ABR <sup>1</sup>	2 × 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,485
2205CW-ABR	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,485
2210CW-ABR	10 × 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,485
2225CW-ABR	25 x 0.005	11.3 x 2g	400 × 0.1	10" x 10"	\$1,485
2250CW-ABR	50 x 0.01	22.7 x 5g	800 × 0.2	10" x 10"	\$1,485
2250CW/12-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,625
22100CW/12-ABR	100 × 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,625



NOTE 1. Not Legal for Trade

Discount Level A applies to all scale options in this table.

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2200CW SERIES

## SS Checkweigher Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE	
With 14" Column - S	hips Attache	ed				
2202CW-C14 <sup>1</sup>	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,560	
2205CW-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,560	000 E
2210CW-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,560	
2225CW-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,560	
2250CW-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,560	
2250CW/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,700	1
22100CW/12-C14	100 × 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,700	
2250CW/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,950	
22100CW/15-C14	100 × 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,950	doran
22200CW/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,950	
With 20" Column - S	Ships Separa	tely				
2250CW/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,040	
22100CW/15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,040	
22200CW/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,040	00000000
2100CW/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,185	
2250CW/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,185	
22500CW/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,185	
22250CW/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,285	
22500CW/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,285	
22250CW/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$2,585	doran
22500CW/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$2,585	301311
221000CW/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,585	ā
PFS Series SS Porta	ble Floor Sca	ale with the 22	200CW Indicat	or		
22250CW-PFS	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$3,835	
22500CW-PFS	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$3,835	
221000CW-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$3,835	



**NOTE** 1. Not Legal for Trade

Discount Level A applies to all scale options in this table.

SS Checkweigher Scale

CALIBRATION OPTIONS	
Super Precision Calibration (Part#: EXOPT310)  Scales will be factory calibrated to 10,000d	\$30
COLUMN AND BRACKET OPTIONS	
Upgrade from 20" to 30" Atlas Column (Part#: EXOPT134)	\$175
SCALE VEIL	
Clear Vinyl Protective Scale Veil Sold Singly (Part#: MSC0085)	\$18
COMMUNICATIONS & DATA OUTPUT OPTIONS	
Bluetooth Internal Communications & USB Adapter* (Part#: EXOPT205)	\$220
Internal Bluetooth Communications Only* (Part#: EXOPT202) Includes: Internal class 1 Bluetooth communication option	\$125
Ethernet - Wired* (Part#: EXOPT101)  Includes: Internal Ethernet interface board with sealed RJ45 connector on the back of the scale.	\$395
Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150) 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.	\$65
Ethernet - Wireless 802.11b* (Part#: EXOPT102)	\$495
USB Communications* (Part#: EXOPT160) Includes: Internal USB interface board and a sealed USB Type A connector bulkhead mounted on the back of the 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 the 4-20mA Analog Output, Digital Output Board, and Internal Relay Options.	\$195
USB Waterproof Cable, 16 Feet Long (IP67 Rated) (Part#: EXOPT163)	\$90
4-20mA Analog Output (Passive or Active) Option (Part#: EXOPT100) Includes: Internal 4-20mA interface board (12-bit accuracy) & 12 feet of cable. This option can be combined with the RS-485 Serial Output, Digital Output Board, Internal Relay, and USB Interface Options.	\$210
* This option is not field installable, call Doran Scales for more details.	
PRINTER OPTIONS	
Thermal Label Printer (Part#: PRT0350-C)  Thermal label printer Model LR350 includes scale to printer cable. For additional details, see the printer price page in the Printers section of this catalog.	\$600
Impact Tape Printer (Part#: PRT0351-C) Paper tape printer includes scale to printer cable.	\$600

Discount Level C applies to all options and replacement parts.

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2200CW SERIES 2200CW SERIES

## SS Checkweigher Scale

RELA	Y OPTIONS - INTERNAL	
Internal	Relay Option (Part #: EXOPT106) 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.	 \$255
NOTES	<ul><li>One or more of the following relays must be ordered with this option.</li><li>This option CAN NOT be ordered with the Internal Rechargeable Battery option.</li></ul>	
Mechar	nical Relay (Part#: EXOPT195) 10 Amp - 250VAC/30VDC (6V Coil)	\$55
Solid St	ate Relay- AC (Part#: EXOPT109) 2 Amp - 100-240VAC	\$55
Solid St	ate Relay - DC (Part#: EXOPT110) 2 Amp - 5-48VDC	\$55
RELA	Y OPTIONS - EXTERNAL	
Externa	I Relay Option (Part #: EXOPT107) 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.	\$375
Mechar	nical Relay with DIN mount terminal socket (Part#: EXOPT196)	\$50
Solid St	ate Relay - AC with DIN mount terminal socket (Part#: EXOPT112)	\$65
Solid St	rate Relay - DC with DIN mount terminal socket (Part#: EXOPT113)	\$65
SERI	AL DATA COMMUNICATIONS OPTIONS	
RS-232	Serial Data Output, 10 ft. long cable, pigtail ends¹ (Part#: EXOPT118)	\$65
	Serial Data Output, 10 ft. long cable, 9 pin FEMALE D connector (Scale to PC Connection) <sup>1</sup> (Part #: EXOPT119) Serial Data Output, 10 ft. long cable, 9 pin MALE D connector (Scale to Printer Connection) <sup>1</sup> (Part #: EXOPT148)	
LOAD	CELL OPTIONS	
Stainles	ss Steel Load Cell² for 10" x 10" Base (Part#: EXOPT136)	\$195
Stainles	ss Steel Load Cell <sup>2</sup> for 12" x 12" Base (Part#: EXOPT137)	\$225
Stainles	ss Steel Load Cell² for 15" x 15" Base (Part#: EXOPT138)	\$225
Stainles	ss Steel Load Cell² (for 18" x 18", 18" x 24", or 24" x 24" Base) (May require an extended lead time.)	
(100lb (	Capacity - Part#: EXOPT179-100LB)	\$995
(500lb (	Capacity - Part#: EXOPT179-500LB)	\$525
NOTES	<ol> <li>Serial data output default settings are 9600 baud, 8 bits, no parity, and one stop bit.</li> <li>Stainless steel load cell options are not recommended for 10,000d resolution.</li> </ol>	
	Discount Level C applies to all options and replacement parts.	

## SS Checkweigher Scale

POW	ER OPTIOI	NS		
230 VA	C Operation	n <sup>4</sup> (For scales wi	ithout an internal battery option) (Part#: EXOPT123)	\$95
230 VA	C Operation	n <sup>4</sup> (For scales wi	ith an internal battery option) (Part#: EXOPT124)	\$95
Externa	Includes:	2 pin in-line con	XOPT147) <sup>4</sup> nector on a 6" length of cable with the mating connector of two conductor cable. Connectors have a washdown rating of IP68.	\$200
NOTE	To ensure	proper operation o	of any options with external DC Power, call the factory to discuss your specific weighing application.	
Interna	Rechargea	able Battery <sup>3,4,5</sup> (I	Part#: EXOPT199)	\$175
NOTES	EXOPT1 4. Not field	02 Ethernet - Wir d-installable, call fa	nd by 80% if this option is ordered with either EXOPT101 Ethernet - Wired or reless. This option can not be ordered with EXOPT106 Internal Relay Option. actory for more details. and by 35% if this option is ordered with EXOPT205 Bluetooth.	
QUIC	K DISCON	INECT OPTION	IS .	
Load C			- Bulkhead Mount* (IP68 Rated) (Part#: EXOPT140)	\$98
Remot	4 pin bulk	head mount on	- Bulkhead Mount* (IP68 Rated) (Part#: EXOPT141) the back of the indicator & the mating connector is witch cable. Does NOT include the remote switch.	\$98
Serial (	6 pin bulk	head mount on	Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT172) the back of the indicator & the mating connector is attached serial cable, the other end has a DB9 female connector.	\$98
Serial (	6 pin bulk	head mount on	sconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT174) the back of the indicator & the mating connector is attached serial cable, the other end has a DB9 male connector.	\$98
NOTE	* This opti	on is not field inst	tallable, call Doran Scales for more details.	
AUD	BLE ALAR	M OPTIONS -	INTERNAL	
			", "Accept", or "Under", varying tones and volume control - aximum). Alarms are rated NEMA 4X.	
	Accept	Chime	(Part#: EXOPT151)	\$125
	Over	Continuous	(Part#: EXOPT152)	\$125
	Under	Warble	(Part#: EXOPT153)	\$125
NOTES	beeper of	otions will reduce	the Internal Rechargeable Battery Option (EXOPT149), the available battery life by 50%. NOT field-installable, call factory for more details.	
REM	OTE SWIT	CH OPTIONS		
Standa	d Remote	Switch, configur	red for remote ZERO (non-washdown) (Part #: EXOPT115)	\$90
Standa	d Remote	Switch, configur	red for remote PRINT (non-washdown) (Part #: EXOPT116)	\$90
Standa	d Remote	Switch, configur	red for remote UNITS (non-washdown) (Part #: EXOPT117)	\$90

Discount Level C applies to all options and replacement parts.

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

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2200CW SERIES

## 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
QC Weigh Software (Part #: SFT0006)	\$1,595
Production Sentry (Part #: SFT0008)	\$4,995

#### GENERAL DUTY BARCODE SCANNER

General Duty Barcode Scanner (Part#: EXOPT178) \$545

Includes: Handheld barcode wand with 12' long cable, factory hardwired into the Model 2200.



#### **DECODING CAPABILITY**

• RSS-14

 UPC A, E/EAN 8,13 /JAN 8,13 RSS Expanded Matrix 2 of 5 (Including add-ons P2/P5) MSI/Plessey · RSS-14 Stacked Code 128 RSS Limited Telepen • Pharmacode 39 • Code 11 UK/Plessey Codabar • Code 93 Code 16K Industrial 2 of 5 • Code 39 • PDF-417 with audio assist

Interleved 2 of 5

#### **HEAVY DUTY BARCODE SCANNER**

Heavy Duty Barcode Scanner (Part#: EXOPT177) \$1,045

Includes: Handheld barcode wand with 12' long cable, factory hardwired into the Model 2200.



#### **DECODING CAPABILITY**

Codabar
EAN128
Italian Pharmacode 39
Code 93
MSI/Plessey
P2/P5 add-ons
Code 128
Standard 2 of 5
RSS-14
Code 128 add-ons
UPC/EAN/JAN
RSS Expanded
Code 128ISBT
PDF-417
Interleaved 2 of 5

Tabletop/Wall Mountable Holder (Part#: MSC0175)	\$40
Barcode Scanner Cable Quick Disconnect - Bulkhead Mount (Part#: EXOPT185)	\$105
Includes: 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end	

Includes: 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 12' long cable, the other end is attached to the barcode scanner. Available for either barcode scanners.

#### **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

Discount Level C applies to all options and replacement parts.

## SS Checkweigher Scale

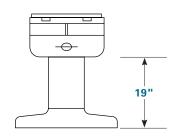
2200CW SERIES

\$150

# Light Tower Pole Mount Base\* (Part #: EXOPT191) \$195 Includes: 19" tall light tower base. Constructed of heavy duty industrial polycabonate, light towers are rated NEMA 4X and IP65. Light tower bases must be ordered with at least one light module. Light Tower Backplate Mount Base\* (Part# EXOPT198) \$195 Includes: 2.5" tall backplate mount light tower base. Constructed of heavy duty industrial polycabonate, light tower is rated NEMA 4X and IP65. This light tower base is attached to the 2200CW indicator backplate.

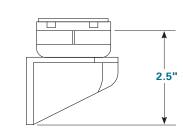
Red Light Modules (Over)* (Part #: EXOPT192)	\$290
Includes: 2.83" tall light module with a 100,000 hour, red LED bulb.	
Constructed of heavy duty industrial polycarbonate, light module is rated NEMA 4X and IP65. 1.97" Diameter	
Green Light Modules (Accept)* (Part #: EXOPT193)	\$270
Includes: 2.83" tall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

Constructed of heavy duty industrial polycarbonate, light module is rated NEMA 4X and IP65. 1.97" Diameter



LIGHT MODULES





Light Tower Backplate Mount Base EXOPT198

#### **EXTRA HOLE**

Drill Extra Hole in Backplate (Part#: EXOPT200)

Required for multiple RS-232 communication options and remote switches.

Consult factory when ordering multiple communication options.

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

Discount Level C applies to all options and replacement parts.

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**4300** SERIES **4300** SERIES

## 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 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:

**Serial Interface:** 

Ethernet, WiFi-802.11b/g, USB, Bluetooth, or 4-20 mA

**Resolution Range:** 200d to 50,000d

Up to 8, 350 Ohm

**Number of Load Cells:** 

Two Bi-directional RS-232 ports

**Controls:** 

Zero, Over, Under, Units,

and Print

Digital I/O:

Two remote switch inputs

14° to 140° F (-10° to +40° C) **Temperature Range:** 

0.16 μV/e min., 0.5 μV/e typical

**Analog Sensitivity: System Linearity: Analog Signal Range:** 

0.01% full scale

-0.5 mV/V to 5mV/V

4 & 6 wire input

5 VDC **Excitation Voltage:** 

#### **APPROVALS**

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)





#### **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":



Discount Level A applies to all scale options in this table



With Attachme	nt Bracket - Sh	ips Attached			
4302/88-ABR <sup>1</sup>	2 x 0.0005	0.9 x 0.2g	32 × 0.01	8" x 8"	\$1,350
4305/88-ABR	5 x 0.001	2.3 x 0.5g	80 × 0.02	8" x 8"	\$1,350
4310/88-ABR	10 x 0.002	4.5 x 1g	160 × 0.05	8" x 8"	\$1,350
4325/88-ABR	25 x 0.005	11.3 x 2g	400 × 0.1	8" x 8"	\$1,350
4302-ABR <sup>1</sup>	2 × 0.0005	0.9 x 0.2g	32 × 0.01	10" x 10"	\$1,350
4305-ABR	5 x 0.001	$2.3 \times 0.5g$	80 × 0.02	10" x 10"	\$1,350
4310-ABR	10 × 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,350
4325-ABR	25 x 0.005	11.3 x 2g	400 × 0.1	10" x 10"	\$1,350
4350-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,350
4350/12-ABR	50 × 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,487
43100/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,487

1. Not Legal for Trade



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**4300** SERIES

#### **4300** SERIES

## SS Checkweigher Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
With 14" Column	- Ships Atta	ched			
4302-C14 <sup>1</sup>	2 × 0.0005	0.9 x 0.2g	32 x 0.01	10" × 10"	\$1,424
4305-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" × 10"	\$1,424
4310-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,424
4325-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" × 10"	\$1,424
4350-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" × 10"	\$1,424
4350/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,560
43100/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,560
4350/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,804
43100/15-C14	100 × 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,804
43200/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,804
With 20" Column	- Ships Sepa	arately			
4350/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,940
43100/15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,940
43200/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,940
43100/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,085
43250/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,085
43500/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,085
43250/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,185
43500/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,185
43250/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$2,485
43500/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$2,485
431000/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$2,485
PFS Series SS Po	rtable Floor	Scale with the	4300 Indicato	r	
43250-PFS	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$3,735
43500-PFS	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$3,735
431000-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$3,735



**NOTE** 1. Not Legal for Trade

Discount Level A applies to all scale options in this table.

SS Checkweigher Scale

Internal Rechargeable Battery (Part#: EXOPT308) Internal rechargeable battery provides up to 60 hours of continuous use  kternal 6-12VDC Power (Part#: EXOPT307). 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.  //ashdown SJOOW Power Cord (Part#: EXOPT309). Upgrade the standard power cord to one that is suitable for extreme washdown environments.  // Standown SJOOW Power Cord (Part#: EXOPT309). Upgrade the standard power cord to one that is suitable for extreme washdown environments.  // Standown SJOOW Power Cord (Part#: EXOPT309). Upgrade the standard power cord to one that is suitable for extreme washdown environments.  // Standown SJOOW Power Cord (Part#: EXOPT300).  Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver USB Adapter for PC. Can be combined with USB Option (EXOPT304)    Usetooth1,2 (Part#: EXOPT301).   Includes: Internal Ethernet interface board with sealed RJ45 connector on the rear of scale. Can be combined with USB and 4-20mA options.  // Ashdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150).  // Safshdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150).  // Safshdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150).  // Safshdown Safe RJ45 Ethernet Connector for mate to the connector on the rear of the scale. Installs on customer supplied cable. Requires a RJ45 cable crimping tool.  // Includes: Internal Ethernet interface board and a 3.5" long flexible antenna with a IPS5 bulkhead mount on back of meter. Can be combined with USB onto the following USB Waterproof Cables (IP67 and NEMA X) Rated). This option can be combined with Ethernet Wireless Ethernet, Bluetooth and 4-20mA options on order only.  SBI (Part#: EXOPT304).  // SBI (Part#: EXOPT304).  // SBI (Part#: EXOPT305).  // SBI (Part#: EXOPT306).  // SBI (Part#: EXOPT306).  // SBI (Part#: EXOPT306).  // SBI (Part#: EXOPT	CALIBRATION OPTIONS	
Internal Rechargeable Battery (Part#: EXOPT308).  Internal rechargeable battery provides up to 60 hours of continuous use  tternal 6-12VDC Power (Part#: EXOPT307).  S100 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.  ### Ashdown SJOOW Power Cord (Part#: EXOPT309).  Upgrade the standard power cord to one that is suitable for extreme washdown environments.  #### COMMUNICATIONS & DATA OUTPUT OPTIONS  ##### DIVIDIAL CONTROL OF THE		\$30
Internal rechargeable battery provides up to 60 hours of continuous use  termal 6-12VDC Power (Part#; EXOPT307).  S100 Includes: 2 pin inline 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.  ###################################	POWER OPTIONS POWER OPTIONS	
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.  Ashdown SJOOW Power Cord (Part#: EXOPT309).  Upgrade the standard power cord to one that is suitable for extreme washdown environments.  COMMUNICATIONS & DATA OUTPUT OPTIONS  Illustrooth & USB Adapter1, 2 (Part#: EXOPT300).  Illustrooth & USB Adapter1, 2 (Part#: EXOPT300).  Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver USB Adapter for PC. Can be combined with USB Option (EXOPT304)  Illustrooth1, 2 (Part#: EXOPT301).  Internal class 3 Bluetooth communication option. Used with Doran supplied USB adapter. thernet - Wired1, 2 (Part#: EXOPT302).  Includes: Internal Ethermet interface board with sealed RJ45 connector on the rear of scale. Can be combined with USB and 4-20mA options.  //ashdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150).  Includes: One NEMAX connector to mate to the connector on the rear of the scale. Installs on customer supplied cable. Requires a RJ45 cable crimping tool. theret- Wireless 802.11b/g1,2 (Part#: EXOPT303).  Standard Can be combined with USB and a 3.5" long flexible antenna with a IP65 bulkhead mount on back of meter. Can be combined with USB on the scale on the scale on the scale of the 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 on order only.  SB Waterproof Cable, 10 ft. Long (IP67 Rated) (Part#: EXOPT305).  SB Connector for WiFi and Wirel Ethernet Options (Part#: EXOPT305).  SB Connector for WiFi and Wirel Ethernet Options (Part#: EXOPT305).  SB Connector for WiFi and Wirel Ethernet Options (Part#: EXOPT305).  SB Connector for WiFi and Wirel Ethernet Options (Part#: EXOPT306).  S195 Includes: Internal Ethernet Wireless Ethernet, Bluetooth and 4-20mA optio		\$110
Upgrade the standard power cord to one that is suitable for extreme washdown environments.  COMMUNICATIONS & DATA OUTPUT OPTIONS  Illustooth & USB Adapter1,2 (Part#: EXOPT300)	External 6-12VDC Power (Part#: EXOPT307)	\$100
luetooth & USB Adapter1,2 (Part#: EXOPT300) Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver USB Adapter for PC. Can be combined with USB Option (EXOPT304)  luetooth1,2 (Part#: EXOPT301) Internal class 3 Bluetooth communication option. Used with Doran supplied USB adapter.  thernet - Wired1,2 (Part#: EXOPT302) Includes: Internal Ethernet interface board with sealed RJ45 connector on the rear of scale. Can be combined with USB and 4-20mA options.  //sahdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150) 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.  thernet - Wireless 802.11b/g1,2 (Part#: EXOPT303) 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.  SB1 (Part#: EXOPT304) Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on the side of the 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 on order only.  SB Waterproof Cable, 10 ft. Long (IP67 Rated) (Part#: EXOPT305) SB Connector for WiFi and Wired Ethernet Options (Part#: EXOPT3011) Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.  20mA Active Analog Output2 (Part#: EXOPT306) 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.		\$30
Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver USB Adapter for PC. Can be combined with USB Option (EXOPT304)  Iluetooth1,2 (Part#: EXOPT301)	COMMUNICATIONS & DATA OUTPUT OPTIONS	
Internal class 3 Bluetooth communication option. Used with Doran supplied USB adapter.  thernet - Wired1,2 (Part#: EXOPT302) Includes: Internal Ethernet interface board with sealed RJ45 connector on the rear of scale. Can be combined with USB and 4-20mA options.  Vashdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150). 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.  thernet - Wireless 802.11b/g1,2 (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.  SB1 (Part#: EXOPT304).  \$195 Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on the side of the 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 on order only.  SB Waterproof Cable, 10 ft. Long (IP67 Rated) (Part#: EXOPT305).  \$90 SB Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311).  Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.  20mA Active Analog Output2 (Part#: EXOPT306).  Includes: Internal 4-20mA interface board with 12-bit accuracy and 12 feet of cable.  This option is not field installable, call Doran Scales for more details.  2. The following combination of Communication & Data Options are possible:	Includes: Internal class 3 Bluetooth communication option and one class 1 Bluetooth receiver	\$220
Includes: Internal Ethernet interface board with sealed RJ45 connector on the rear of scale. Can be combined with USB and 4-20mA options.  //ashdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150).  S65 Includes: One NEMAAX connector to mate to the connector on the rear of the scale. Installs on customer supplied cable. Requires a RJ45 cable crimping tool.  thernet - Wireless 802.11b/g1,2 (Part#: EXOPT303).  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.  S81 (Part#: EXOPT304).  Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on the side of the 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 on order only.  S8 Waterproof Cable, 10 ft. Long (IP67 Rated) (Part#: EXOPT305).  S90 S8 Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311).  Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.  20mA Active Analog Output2 (Part#: EXOPT306).  Includes: Internal 4-20mA interface board with 12-bit accuracy and 12 feet of cable. This option is not field installable, call Doran Scales for more details.  7. The following combination of Communication & Data Options are possible:		\$150
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.  thernet - Wireless 802.11b/g1,2 (Part#: EXOPT303)	Includes: Internal Ethernet interface board with sealed RJ45 connector on the rear of scale.	\$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.  SB1 (Part#: EXOPT304) \$195 Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on the side of the 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 on order only.  SB Waterproof Cable, 10 ft. Long (IP67 Rated) (Part#: EXOPT305) \$90 SB Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311) \$60 Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.  *20mA Active Analog Output2 (Part#: EXOPT306) \$10 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.	Includes: One NEMA4X connector to mate to the connector on the rear of the scale.	\$65
Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on the side of the 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 on order only.  SB Waterproof Cable, 10 ft. Long (IP67 Rated) (Part#: EXOPT305) \$90  SB Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311) \$60  Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.  20mA Active Analog Output2 (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.	Includes: Internal Ethernet interface board and a 3.5" long flexible antenna	\$395
SB Connector for WiFi and Wired Ethernet Options (Part#: EXOPT311).  Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.  -20mA Active Analog Output2 (Part#: EXOPT306).  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.  1. This option is not field installable, call Doran Scales for more details.  2. The following combination of Communication & Data Options are possible:	Includes: Internal USB interface board and a sealed USB Type B connector bulkhead mounted on the side of the 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	\$195
Provides bulkhead USB connector to access USB communications option when using in addition to WiFi (EXOPT303) and Ethernet (EXOPT302) options.  20mA Active Analog Output2 (Part#: EXOPT306)	USB Waterproof Cable, 10 ft. Long (IP67 Rated) (Part#: EXOPT305)	\$90
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.  1. This option is not field installable, call Doran Scales for more details. 2. The following combination of Communication & Data Options are possible:	Provides bulkhead USB connector to access USB communications option when using in	\$60
2. The following combination of Communication & Data Options are possible:	Includes: Internal 4-20mA interface board with 12-bit accuracy and 12 feet of cable.	\$195
	2. The following combination of Communication & Data Options are possible:	

Discount Level C applies to all options and replacement parts.

**4300** SERIES

### **4300** SERIES

## 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 - Pigtail Ends, 10 ft. cable (Part#: EXOPT118).	\$65
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 10" x 10" Base (Part#: EXOPT136)	\$195
Stainless Steel Load Cell for 12" x 12" Base (Part#: EXOPT137)	\$225
Stainless Steel Load Cell for 15" x 15" Base (Part#: EXOPT138)	\$225
Stainless Steel Load Cell for 18" x 18", 18" x 24", or 24" x 24" Base	
(100lb Capacity - Part#: EXOPT179-100LB)	\$495
(500lb Capacity - Part#: EXOPT179-500LB) \$495 (C) (1000lb Capacity - Part#: EXOPT179-1000LB)	\$495
NOTE Stainless steel load cell options are not recommended for 10,000d resolution. Cannot be used in Legal for Trade applications.	
PRINTER OPTIONS	
Thermal Label Printer (Part#: PRT0350-C)  Thermal label printer includes scale to printer cable. For additional details, see the printer price page in the Printers section of this catalog.	\$600
Custom Label Formatting (Part#: CUSTOM-LABEL)  Formatting for one label. Complex labels may require an additional charge.	\$215
Impact Printer (Part#: PRT0351-C).  Paper tape printer includes scale to printer cable.	\$600

## SS Checkweigher Scale

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)	
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 availa	ble on quote.
QUICK DISCONNECT OPTIONS	
Load Cell Cable Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT140)	\$98
Remote Switch Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT141)	\$98
Serial Cable (DB9 - Female) Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT172) 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.	\$98
Serial Cable (DB9 - Male) Quick Disconnect - Bulkhead Mount (IP68 Rated) (Part#: EXOPT174)	\$98
NOTE Quick disconnect options are not field installable.	
AUDIBLE ALARM OPTIONS	
Accept Chime Alarm - Bulkhead Mount (IP68 rated) (Part#: EXOPT312)	\$125
Over Continuous Alarm - Bulkhead Mount (IP68 rated) (Part#: EXOPT313)	\$125
Under Warble Alarm - Bulkhead Mount (IP68 rated) (Part#: EXOPT314)	\$125
NOTE Audible alarms reduce battery life up to 50%	
EXTRA HOLE	
Additional Hole in Backplate (Part#: EXOPT200)  Consult factory when ordering multiple communication options	\$150

Discount Level C applies to all options and replacement parts except where noted.

Discount Level C applies to all options and replacement parts.

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**2200** SERIES **2200** SERIES

MODEL

2200

22002/881

22005/88

22010/88

22025/88

22100/15

22200/15

22002<sup>1</sup>

**Indicator Only** 

With U-Bracket

### SS Bench Scale

#### **KEY FEATURES**

#### Indicator

- Full Function Keypad
- Powerful System Control Features
- Advanced Communications and Control
- 304 stainless steel construction
- IP69K washdown protection
- · Eight Product ID's and Setpoint Outputs
- 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**

**Resolution Range:** 

**Analog Signal Range:** 

Warranty: Two Years Parts & Labor 115 VAC, 50/60 Hz **Power Input:** (230 VAC Optional)

**Optional Battery:** Internal rechargeable battery

**Optional Communication** Ethernet, WiFi-802.11b/g, Interfaces:

USB, Bluetooth, or 4-20 mA 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:** 0.5 uV/e min.

**Analog Sensitivity:** 0.11 mV/V to 7Mv/V **System Linearity:** 0.01% full scale

> -0.5 mV/V to 5mV/V 4 & 6 wire input

#### **APPROVALS**

#### U.S. Legal for Trade - NTEP

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

#### 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





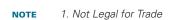


Indicator: CC# 06-101 (10,000d)

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

Bases 18" x 18" to 24" x 24": CC# 13-110 (5000d





#### 22005 $5 \times 0.001$ $2.3 \times 0.5g$ $80 \times 0.02$ 10" x 10" \$1,310 10" x 10" 22010 \$1,310 10 x 0.002 $4.5 \times 1q$ 160 x 0.05 22025 \$1,310 25 x 0.005 11.3 x 2g $400 \times 0.1$ 10" x 10" 22050 $50 \times 0.01$ $22.7 \times 5q$ 800 x 0.2 10" x 10" \$1,310 22050/12 $50 \times 0.01$ $22.7 \times 5g$ $800 \times 0.2$ 12" x 12' \$1,450 22100/12 100 x 0.02 45 x 10g 1600 x 0.5 12" x 12" \$1,450 15" x 15" 22050/15 $50 \times 0.01$ 22.7 x 5g $800 \times 0.2$ \$1,700

CAPACITY

 $0.9 \times 0.2g$ 

 $2.3 \times 0.5q$ 

4.5 x 1g

11.3 x 2g

 $0.9 \times 0.2g$ 

45 x 10g

91 x 20g

(KG x G)

CAPACITY

32 x 0.01

 $80 \times 0.02$ 

160 x 0.05

 $400 \times 0.1$ 

 $32 \times 0.01$ 

1600 x 0.5

3200 x 1

(OZ)

**PLATFORM** 

**PRICE** 

\$750

\$1,310

\$1,310

\$1,310

\$1,310 \$1,310

\$1,700

\$1,700

SIZE

8" x 8"

8" x 8"

8" x 8"

8" x 8"

10" x 10"

15" x 15"

15" x 15"

CAPACITY

2 x 0.0005

 $5 \times 0.001$ 

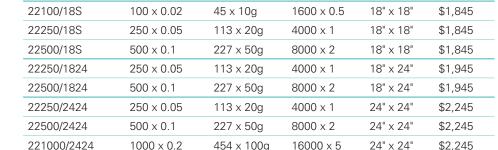
10 x 0.002

25 x 0.005

2 x 0.0005

100 x 0.02

200 x 0.05



With Attachmen	nt Bracket - Sh	ips Attached			
22002/88-ABR <sup>1</sup>	2 × 0.0005	0.9 x 0.2g	32 × 0.01	8" x 8"	\$1,395
22005/88-ABR	5 × 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,395
22010/88-ABR	10 × 0.002	4.5 x 1g	160 × 0.05	8" x 8"	\$1,395
22025/88-ABR	25 × 0.005	11.3 x 2g	400 × 0.1	8" x 8"	\$1,395
22002-ABR <sup>1</sup>	2 × 0.0005	0.9 x 0.2g	32 × 0.01	10" x 10"	\$1,395
22005-ABR	5 × 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,395
22010-ABR	10 × 0.002	4.5 x 1g	160 × 0.05	10" x 10"	\$1,395
22025-ABR	$25 \times 0.005$	11.3 x 2g	400 × 0.1	10" x 10"	\$1,395
22050-ABR	50 × 0.01	22.7 x 5g	800 × 0.2	10" x 10"	\$1,395
22050/12-ABR	50 × 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,535
22100/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,535



SS Bench Scale

Discount Level A applies to all scale options in this table

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**2200** SERIES

#### **2200** SERIES

## SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
With 14" Column	- Ships Atta	ched			
22002-C14 <sup>1</sup>	2 × 0.0005	0.9 x 0.2g	32 x 0.01	10" × 10"	\$1,470
22005-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,470
22010-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,470
22025-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,470
22050-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,470
22050/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,610
22100/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,610
22050/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,860
22100/15-C14	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,860
22200/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,860
With 20" Column	- Ships Sepa	rately			
22050/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,950
22100/15-C20	100 × 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,950
22200/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,950
22100/18S-C20	100 × 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,095
22250/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,095
22500/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,095
22250/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,195
22500/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,195
22250/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$2,495
22500/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$2,495
221000/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,495
PFS Series SS Po	rtable Floor S	Scale with the	2200 Indicato	r	
22250-PFS	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$3,745
22500-PFS	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$3,745
221000-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$3,745



**NOTE** 1. Not Legal for Trade

Discount Level A applies to all scale options in this table.

SS Bench Scale

Curar Pracision Colibration (Port#, EVOPT240)	400
Super Precision Calibration (Part#: EXOPT310)  Scales will be factory calibrated to 10,000d	\$30
SCALE VEIL	
Clear Vinyl Protective Scale Veil Sold Singly (Part#: MSC0085)	\$18
COMMUNICATIONS & DATA OUTPUT OPTIONS	
Bluetooth Internal Communications & USB Adapter* (Part#: EXOPT205)	\$220
Internal Bluetooth Communications Only* (Part#: EXOPT202) Includes: Internal class 1 Bluetooth communication option.	\$125
Ethernet - Wired* (Part#: EXOPT101)	\$395
Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150)	\$65
Ethernet - Wireless 802.11b* (Part#: EXOPT102)	\$495
USB Communications* (Part#: EXOPT160)  Includes: Internal USB interface board and a sealed USB Type A connector bulkhead mounted on the back of the 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 the 4-20mA Analog Output, Digital Output Board, and Internal Relay Options.	\$195
USB Waterproof Cable, 16 Feet Long (IP67 Rated) (Part#: EXOPT163)	\$90
4-20mA Analog Output (Passive or Active) Option (Part#: EXOPT100)	\$210
COLUMN OPTIONS	
Upgrade from 20" to 30" Atlas Column (Part#: EXOPT134)	\$175
PRINTER OPTIONS	
Thermal Label Printer (Part#: PRT0350-C)  Thermal label printer Model LR350 includes scale to printer cable. For additional details, see the printer price page in the Printers section of this catalog.	\$600
Impact Receipt Printer (Part#: PRT0351-C) Paper tape receipt printer includes scale to printer cable.	\$600
NOTE * This option is not field installable, call Doran Scales for more details.	

Discount Level C applies to all options and replacement parts.

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**2200** SERIES

#### **2200** SERIES

## SS Bench Scale

RELAY OPTIONS - INTERNAL	
Internal Relay Option (Part #: EXOPT106)	•
NOTES - One or more of the following relays must be ordered with this - This option CAN NOT be ordered with the Internal Rechargea	
Mechanical Relay (Part#: EXOPT195) 10 Amp - 250VAC/30VDC (6V Coil)	\$55
Solid State Relay - AC (Part#: EXOPT109) 2 Amp - 100-240VAC	\$55
Solid State Relay - DC (Part#: EXOPT110) 2 Amp - 5-48VDC	\$55
RELAY OPTIONS - EXTERNAL	
External Relay Option (Part#: EXOPT107)	ured as normally open or
Mechanical Relay with DIN mount terminal socket (Part#: EXOPT 10 Amp - 250VAC/30VDC (6V Coil)	196) \$50
Solid State Relay- AC with DIN mount terminal socket (Part#: EXC 2 Amp - 100-240VAC	OPT112) \$65
Solid State Relay - DC with DIN mount terminal socket (Part#: EX 2 Amp - 5-48VDC	(OPT113)\$65
SERIAL DATA COMMUNICATIONS OPTIONS	
RS-232 Serial Data Output, 10 ft. long cable, pigtail ends¹ (Part#:	EXOPT118) \$65
RS-232 Serial Data Output, 10 ft. long cable, 9 pin FEMALE D co	nnector (Scale to PC Connection)¹ (Part #: EXOPT119)\$75
RS-232 Serial Data Output, 10 ft. long cable, 9 pin MALE D conne	ector (Scale to Printer Connection)¹ (Part #: EXOPT148)\$75
NOTE RS232 Options can not be ordered with the following options: Ethernet Wired or Wireless, Fiber Optic Interface, USB Interface	
LOAD CELL OPTIONS	
Stainless Steel Load Cell <sup>2</sup> for 10" x 10" Base (Part#: EXOPT136)	\$195
Stainless Steel Load Cell² for 12" x 12" Base (Part#: EXOPT137)	\$225
Stainless Steel Load Cell² for 15" x 15" Base (Part#: EXOPT138)	\$225
Stainless Steel Load Cell $^2$ for 18" x 18", 18" x 24", or 24" x 24" Bas	e (May require an extended lead time.)
100lb Capacity - Part#: EXOPT179-0100LB)	(250lb Capacity - Part#: EXOPT179-0250LB)
500lb Capacity - Part#: EXOPT179-0500LB)	(1000lb Capacity - Part#: EXOPT179-1000LB)
NOTES 1. Serial data output default settings are 9600 baud, 8 bits, no p 2. Stainless steel load cell options are not recommended for Si	
Discount Level C applies to	all options and replacement parts.

## SS Bench Scale

POW	ER OPTIC	ONS		
230 VA	C Operation	on4 (For scales v	without an internal battery option) (Part#: EXOPT123)	\$95
230 VA	C Operatio	on4 (For scales v	vith an internal battery option)(Part#: EXOPT124)	\$95
Externa	al 6-24VDC	Power4 (Part#:	EXOPT147)	\$200
			nnector on a 6" length of cable with the mating connector	
			of two conductor cable. Connectors have a washdown rating of IP68.	
NOTE			of any options with external DC power, call the factory to discuss your specific weighing application.	
Interna	•	•	.5 (Part#: EXOPT187)	
NOTES	,		ed by 80% if this option is ordered with either EXOPT101 Ethernet - Wired or EXOPT102 Ethernet - W rdered with EXOPT106 Internal Relay Option.	ïreless.
			factory for more details.	
	5. Battery	/ life will be reduce	ed by 35% if this option is ordered with EXOPT205 Bluetooth.	
QUIC	K DISCO	NNECT OPTIO	ns	
Load C	ell Cable C	Quick Disconnec	t - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT140)	\$98
	8 pin bu	lkhead mount or	the back of the indicator & the mating connector is attached to the load cell cable.	
Remote			t - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT141)	\$98
			n the back of the indicator & the mating connector e switch cable. Does NOT include the remote switch.	
Sorial C			Switch cable. Boes Not include the remote switch.     Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT172)	ΦΩ0
Serial C			the back of the indicator & the mating connector is attached	\$30
	to one e	nd of a 10' long	serial cable, the other end has a DB9 female connector.	
Serial C			Disconnect - Bulkhead Mount* (IP68 Rated) (Part#: EXOPT174)	\$98
			n the back of the indicator & the mating connector is attached serial cable, the other end has a DB9 male connector.	
NOTE			stallable, call Doran Scales for more details.	
AUD	IBLE ALA	RM OPTIONS -	·INTERNAL	
			er", "Accept", or "Under", varying tones and volume control - naximum). Alarms are rated NEMA 4X.	
	Accept	Chime	(Part#: EXOPT151)	\$125
	Over	Continuous	(Part#: EXOPT152)	\$125
	Under	Warble	(Part#: EXOPT153)	\$125
NOTES			h the Internal Rechargeable Battery Option (EXOPT149), e the available battery life by 50%.	
	- Audible	Alarm Options are	e NOT field installable, call factory for more details.	
REM	OTE SWIT	TCH OPTIONS		
Standa	rd Remote	Switch, configu	red for remote ZERO (non-washdown) (Part #: EXOPT115)	\$90
Standa	rd Remote	Switch, configu	red for remote PRINT (non-washdown) (Part #: EXOPT116)	\$90
Standa	rd Remote	Switch, configu	ured for remote UNITS (non-washdown) (Part #: EXOPT117)	\$90

Discount Level C applies to all options and replacement parts.

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

 **2200** SERIES **MVP** SERIES

\$545

\$1,045

## SS Bench Scale

## MS Bench Scale

#### GENERAL DUTY BARCODE SCANNER

General Duty Barcode Scanner (Part#: EXOPT178)

Includes: Handheld barcode wand with 12' long cable, factory hardwired into the Model 2200.



#### **DECODING CAPABILITY**

UPC A, E/EAN 8,13 /JAN 8,13
RSS Expanded
Matrix 2 of 5
RSS-14 Stacked
Code 128
Telepen
RSS Limited
Pharmacode 39
Code 11
UK/Plessey
Code 16K

Industrial 2 of 5
 Code 39
 PDF-417 with audio assist

• RSS-14 • Interleved 2 of 5

#### **HEAVY DUTY BARCODE SCANNER**

Heavy Duty Barcode Scanner (Part#: EXOPT177)

Includes: Handheld barcode wand with 12' long cable, factory hardwired into the Model 2200.



#### **DECODING CAPABILITY**

Codabar
Code 93
MSI/Plessey
P2/P5 add-ons
Code 128
Standard 2 of 5
RSS-14
Code 128 add-ons
UPC/EAN/JAN
RSS Expanded
Code 128ISBT
PDF-417
Interleaved 2 of 5

Tabletop/Wall Mountable Holder (Part#: MSC0175) \$40

Barcode Scanner Cable Quick Disconnect - Bulkhead Mount (Part#: EXOPT185) \$105

Includes: 6 pin bulkhead mount on the back of the indicator & the mating connector is attached to one end of a 12' long cable, the other end is attached to the barcode scanner. Available for either the Model QS2500 or the Model PS7000 barcode scanners.

#### **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#: EXOPT200). \$150

Required for multiple RS-232 communication options and remote switches. Consult factory when ordering multiple communication options.

Discount Level C applies to all options and replacement parts.



#### SPECIFICATIONS

Warranty:
One Year Parts & Labor

Power Input:
115 VAC 60Hz;
Transformer, UL/ULc
(230 VAC Optional)

Optional Battery:
Internal rechargeable battery

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

14° to 140° F (-10° to 40° C)

Temperature Range: 14° to 140° F (-10° to 40 Analog Sensitivity: 1.0 uV/e min.

0.01% full scale

Analog Signal Range: 0.35mV/V to 3.0 mV/V

**Excitation Voltage:** 5 VDC

**System Linearity:** 

#### **APPROVALS**

**KEY FEATURES** 

· Cost Effective General Purpose Bench Scale

Bright and Easy to Read LED Display

#### U.S. Legal for Trade - NTEP

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

Bases:

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:

Bases 8" x 8" to 15" x 15": CC# 97-097A1 (5,000d)

Bases 18"  $\times$  18" to 24"  $\times$  24": CC# 13-110 (5000d)



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## MS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Indicator Only					
DS100					\$320
With U-Bracket	i				
MVP3100	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$915
MVP3250	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$915
MVP4250	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$995
MVP4500	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$995
MVP5250	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$1,115
MVP5500	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$1,115
MVP51000	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$1,115
With 20" Tall M	lild Steel Colur	nn			
MVP3100-20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$1,040
MVP3250-20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$1,040
MVP4250-20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$1,120
MVP4500-20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$1,120
MVP5250-20	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$1,240
MVP5500-20	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$1,240
MVP51000-20	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$1,240
MVP Scale With	h 36" Tall Mild	Steel Column			
MVP3100-36	100 × 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$1,065
MVP3250-36	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$1,065
MVP4250-36	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$1,145
MVP4500-36	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$1,145
MVP5250-36	250 x 0.05	113 x 20g	4000 x 1	24" × 24"	\$1,265
MVP5500-36	500 x 0.1	227 x 50g	8000 x 2	24" × 24"	\$1,265
MVP51000-36	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$1,265

## MS Bench Scale

**MVP** SERIES

CALIBRATION OPTIONS	
Super Precision Calibration (Part#: EXOPT310)	\$30
ROLLER CONVEYOR OPTIONS	
Roller Conveyor for 18" x 18" Scale Base (Part#: DMSOPT05)  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.	\$300
Roller Conveyor for 18" x 24" Scale Base (Part#: DMSOPT07)  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.	\$300
Roller Conveyor 24" x 24" for Scale Base (Part#: DMSOPT04)	\$300
BALL TRANSFER OPTIONS	
Ball Transfer for 18" x 18" Scale Base (Part#: DMSOPT09)	\$500
Ball Transfer for 24" x 24" Scale Base (Part#: DMSOPT06)  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.	\$500
STAINLESS PLATTER OPTIONS	
Stainless Steel Platter - 18" x 18" (Part#: MVPOPT004)	\$150
Stainless Steel Platter - 18" x 24" (Part#: MVPOPT003)	•
Stainless Steel Platter - 24" x 24" (Part#: MVPOPT002)	\$200
MOBILITY OPTION	
Mobility Kit (Part#: MVPOPT001) Includes: Four 3" Diameter Locking Swivel Casters (Hard Rubber). Casters add 4" in height, for a total base height of 8.875".	\$500
POWER AND COMMUNICATION OPTIONS	
RS-232 Serial Data Output - Scale to PC (Part#: DSOPT001) Includes: 4 wire shielded cable, 10 ft., with a 9 pin FEMALE "D" connector.	\$35

Discount Level A applies to all scale options in this table.

Discount Level C applies to all options and replacement parts.

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230VAC Operation (Part#: DSOPT003)

. \$25

**7400** SERIES **7400** SERIES

## SS Bench Scale

## 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:** 

**Serial Interface:** One Bi-directional RS-232 port

**Controls:** Zero and Print/Units

Digital I/O: Two remote switch inputs

14° to 140° F (-10° to +40° C) **Temperature Range:** 

**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

Up to 8, 350 Ohm

**Excitation Voltage:** 5 VDC



#### U.S. Legal for Trade - NTEP

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

Bases:

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:

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)



MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
ndicator Only					
7400M					\$840
Nith U-Bracket					
7402/88¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,400
7405/88	5 x 0.001	2.3 x 0.5g	80 × 0.02	8" x 8"	\$1,400
7410/88	10 × 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,400
7425/88	25 × 0.005	11.3 x 2g	400 × 0.1	8" x 8"	\$1,400
7402¹	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,400
740L	5 × 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,400
7410	10 × 0.002	4.5 x 1g	160 × 0.05	10" x 10"	\$1,400
7425	25 x 0.005	11.3 x 2g	400 × 0.1	10" x 10"	\$1,400
7450	50 x 0.01	22.7 x 5g	800 × 0.2	10" x 10"	\$1,400
7450/12	50 × 0.01	22.7 x 5g	800 × 0.2	12" x 12"	\$1,540
74100/12	100 × 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,540
7450/15	50 × 0.01	22.7 x 5g	800 × 0.2	15" x 15"	\$1,790
74100/15	100 × 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,790
74200/15	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,790
74100/18S	100 × 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$1,935
74250/18S	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$1,935
74500/18S	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$1,935
74250/1824	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,035
74500/1824	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,035
74250/2424	250 × 0.05	113 x 20g	4000 x 1	24" × 24"	\$2,335

8000 x 2

16000 x 5

24" x 24"

24" x 24"

\$2,335

\$2,335

With Attachme	nt Bracket - Sh	ips Attached			
7402/88-ABR <sup>1</sup>	2 × 0.0005	0.9 x 0.2g	32 x 0.01	8" x 8"	\$1,485
7405/88-ABR	5 × 0.001	2.3 x 0.5g	80 x 0.02	8" x 8"	\$1,485
7410/88-ABR	10 × 0.002	4.5 x 1g	160 x 0.05	8" x 8"	\$1,485
7425/88-ABR	25 × 0.005	11.3 x 2g	400 × 0.1	8" x 8"	\$1,485
7402-ABR <sup>1</sup>	2 × 0.0005	$0.9 \times 0.2g$	32 x 0.01	10" x 10"	\$1,485
7405-ABR	5 × 0.001	$2.3 \times 0.5g$	80 x 0.02	10" x 10"	\$1,485
7410-ABR	10 × 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,485
7425-ABR	25 x 0.005	11.3 x 2g	400 × 0.1	10" x 10"	\$1,485
7450-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,485
7450/12-ABR	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,625
74100/12-ABR	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,625

227 x 50g

454 x 100g



1. Not Legal for Trade

74500/2424

741000/2424

 $500 \times 0.1$ 

1000 x 0.2

Discount Level A applies to all scale options in this table.

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## SS Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
With 14" Column	- Ships Attac	ched			
7402-C14 <sup>1</sup>	2 x 0.0005	0.9 x 0.2g	32 x 0.01	10" x 10"	\$1,560
7405-C14	5 x 0.001	2.3 x 0.5g	80 x 0.02	10" x 10"	\$1,560
7410-C14	10 x 0.002	4.5 x 1g	160 x 0.05	10" x 10"	\$1,560
7425-C14	25 x 0.005	11.3 x 2g	400 x 0.1	10" x 10"	\$1,560
7450-C14	50 x 0.01	22.7 x 5g	800 x 0.2	10" x 10"	\$1,560
7450/12-C14	50 x 0.01	22.7 x 5g	800 x 0.2	12" x 12"	\$1,700
74100/12-C14	100 x 0.02	45 x 10g	1600 x 0.5	12" x 12"	\$1,700
7450/15-C14	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$1,950
74100/15-C14	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$1,950
74200/15-C14	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$1,950
With 20" Column	- Ships Sepa	rately			
7450/15-C20	50 x 0.01	22.7 x 5g	800 x 0.2	15" x 15"	\$2,040
74100X15-C20	100 x 0.02	45 x 10g	1600 x 0.5	15" x 15"	\$2,040
74200/15-C20	200 x 0.05	91 x 20g	3200 x 1	15" x 15"	\$2,040
74100/18S-C20	100 x 0.02	45 x 10g	1600 x 0.5	18" x 18"	\$2,185
74250/18S-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 18"	\$2,185
74500/18S-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 18"	\$2,185
74250/1824-C20	250 x 0.05	113 x 20g	4000 x 1	18" x 24"	\$2,285
74500/1824-C20	500 x 0.1	227 x 50g	8000 x 2	18" x 24"	\$2,285
74250/2424-C20	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$2,585
74500/2424-C20	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$2,585
741000/2424-C20	1000 x 0.2	454 x 100g	16000 x 5	24" x 24"	\$2,585
PFS Series SS Po	rtable Floor S	Scale with the	7400M Indica	tor	
74250-PFS	250 x 0.05	113 x 20g	4000 x 1	24" x 24"	\$3,835
74500-PFS	500 x 0.1	227 x 50g	8000 x 2	24" x 24"	\$3,835
741000-PFS	1000 x 0.2	454 x 100g	16000 x 5	24" × 24"	\$3,835



**NOTE** 1. Not Legal for Trade

Discount Level A applies to all scale options in this table.

## SS Bench Scale

**7400** SERIES

CALIBRATION OPTIONS		
Super Precision Calibration (Part#: EXOPT310)		\$30
COLUMN AND BRACKET OPTIONS		
Upgrade from 20" to 30" Atlas Column (Part#: EXOPT134)		\$175
Upgrade from 20" to 40" Atlas Column (Part#: EXOPT207)		\$275
LOAD CELL OPTIONS		
Stainless Steel Load Cell* for 12" x 12" Base (Part#: EXOPT137)		\$225
Stainless Steel Load Cell* for 15" x 15" Base (Part#: EXOPT138)		\$225
Stainless Steel Load Cell* for 18" x 18", 18" x 24", or 24" x 24" Base	(May require an extended lead time.)	
(100lb Capacity - Part#: EXOPT179-100LB)	(250lb Capacity - Part#: EXOPT179-250LB)	\$995
(500lb Capacity - Part#: EXOPT179-500LB)	(1000lb Capacity - Part#: EXOPT179-1000LB)	\$525
NOTE * Stainless steel load cell options are not recommended for 10,0	00d resolution.	

Discount Level C applies to all options and replacement parts.

 PC-500 SERIES

## Bench Scale

#### **KEY FEATURES**

- Washdown Safe IP66
- Quad Spring 1000% Overload Shockproof Base
- · Battery Operated Alkaline Batteries
- Extremely Durable Construction 1,000 Hr. Battery Life
- Units of measure: lb, kg, oz, g, or lb:oz



#### **SPECIFICATIONS**

Warranty: **Power Input:**  One Year Parts & Labor

DC Power Standard Alkaline batteries, 1000 hour life

**Dimensions:** Overall - 12.75" L x 9.75" W x

5.26" H

Platter - 8.5" x <u>8.5</u>"

0.01% full scale

**Serial Interface:** Bi-directional RS-232 Controls: On/Off, Zero, and Units

14° to 140° F (-10° to 40° C) Temperature Range:

**System Linearity:** 

#### **APPROVALS**

U.S. Legal for Trade - NTEP

CC# 05-061, 09-032



## Bench Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	PLATFORM SIZE	PRICE
Without Cust	tomer Display				
PC500-05	5 x 0.002	2.2 × 0.001	80 x 0.05	8.5" x 8.5"	\$455
PC500-10	10 x 0.005	4.5 × 0.002	160 x 0.1	8.5" x 8.5"	\$455
PC500-25	25 x 0.01	11.3 x 0.005	400 × 0.2	8.5" x 8.5"	\$455
PC500-50	50 x 0.02	22.7 × 0.01	$800 \times 0.5$	8.5" x 8.5"	\$455

Discount Level A applies to all scale options in this table.

#### POWER OPTIONS AC Adapter - 115 VAC Operation<sup>1</sup> (Part#: PC5OPT01) \$42 AC Adapter - 230 VAC Operation<sup>1</sup> (Part#: PC5OPT02) \$42

NOTE 1. When using these options, the scale may have reduced washdown protection. Refer to the product manual for proper installation.

#### SERIAL DATA COMMUNICATIONS OPTION RS-232 Cable with 9 pin Female Connector<sup>1</sup> (Part#: PC5OPT03) \$15

#### REMOTE SWITCH OPTIONS Washdown Safe Remote ZERO Switch (Rated IP68) (Part#: PC5OPT04) \$150 Non-washdown Safe Remote ZERO Switch (Part#: PC5OPT05) \$85

Discount Level C applies to all options and replacement parts.

**Doran Scales** | 800.262.6844 | doranscales.com

PC-400 SERIES

#### PC-400 SERIES

## 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 Years Parts & Labor

Battery - 90 Days

DC Power Standard **Power Input:** 

Overall - 12.75" L x 9.75" W x **Dimensions:** 

5.26" H

Platter - 8.5" x 8.5"

**Serial Interface:** Bi-directional RS-232 **Controls:** On/Off, Zero, and Units

14° to 140° F (-10° to 40° C) **Temperature Range:** 

**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	$2.2 \times 0.0002$	1000 x 0.1	35 x 0.005	6.5" x 6.5"	\$350
PC400-02LFT	$2.2 \times 0.001$	1000 x 0.5	35 x 0.02	6.5" x 6.5"	\$350
PC400-05	5 × 0.002	2300 x 1	80 x 0.05	6.5" x 6.5"	\$350
PC400-10	10 x 0.005	4500 x 2	160 x 0.1	6.5" x 6.5"	\$350
PC400-20	20 x 0.01	9100 x 5	320 x 0.2	6.5" x 6.5"	\$350



Model PC400-02 is Not Legal for Trade.

Discount Level A applies to all scale options in this table.

POWER OPTIONS	
230 VAC Operation (Part#: PCOPT06)	\$25
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)  For scales with serial numbers higher than NPC403000	\$40
AC Adapter - Negative Center (115 VAC - 6' Cord, UL/CSA Listed) (Part#: XFR0035)  For scales with serial numbers lower than NPC403000	\$40
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.

Discount Level C applies to all options and replacement parts.

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## 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



#### **SPECIFICATIONS**

Warranty: Two Years Parts & Labor **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

Bubble Level

**Output:** 2 mV/V max, full scale

Overload: 250 % maximum; 6 overload stops

Mechanical: 4 Adjustable Feet **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"	\$1095
DSS3250	250lb / 113kg	18" x 18"	\$1095
DSS3500	500lb / 227kg	18" x 18"	\$1095
DSS4250	250lb / 113kg	18" x 24"	\$1195
DSS4500	500lb / 227kg	18" x 24"	\$1195
DSS5250	250lb / 113kg	24" × 24"	\$1495
DSS5500	500lb / 227kg	24" x 24"	\$1495
DSS51000	1000lb / 454kg	24" × 24"	\$1495



Discount Level A applies to all scale options in this table.

**DSS** SERIES

SS Bases

#### **DXL** SERIES

## SS Bases

## Coad Cell Options Stainless Steel Load Cell for 100lb Capacity Base (18" x 18") (Part#: EXOPT179-0100LB) Stainless Steel Load Cell for 250lb Capacity Base (18" x 18", 18" x 24", or 24" x 24") (Part#: EXOPT179-0250LB) Stainless Steel Load Cell for 500lb Capacity Base (18" x 18", 18" x 24", or 24" x 24") (Part#: EXOPT179-0500LB)

## FM Approved Load Cell for DSS Bases (Part#: DSSOPTFM) \$125 ROLLER CONVEYOR OPTIONS

Roller Conveyor Option for 24" x 24" Base (SS Rollers) (Part# DSSOPT04)

Includes: Painted 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 24" x 24" Base (PVC Rollers) (Part# DSSOPT06)

Includes: Painted 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,

Stainless Steel Load Cell for 1000lb Capacity Base (24" x 24") (Part#: EXOPT179-1000LB)

please call for lead time.

Roller Conveyor Option for 18" x 18" Base (PVC Rollers) (Part# DSSOPT07)

Includes: Painted 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)	\$950
Balltop Conveyor Option for 18" x 24" Base (SS Balltops) (Part# DSSOPT10)	\$975
Balltop Conveyor Option for 24" x 24" Base (SS Balltops) (Part# DSSOPT08)	\$975



### SPECIFICATIONS

Warranty: Two Years Parts & Labor

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**

**KEY FEATURES** 

· Washdown Safe

U.S. Legal for Trade - NTEP

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



Canadian Legal for Trade -Measurement Canada

AM-5241 (5,000d)



Discount Level C applies to all options and replacement parts.

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\$995

\$525

\$525

\$750

\$750

\$750

## SS Bases

MS Bases





Discount Level A applies to all scale options in this table.

LOAD CELL OPTIONS	
Stainless Steel Load Cell for 10" x 10" Base (Part#: EXOPT136)	\$195
Stainless Steel Load Cell for 12" x 12" Base (Part#: EXOPT137)	\$225
Stainless Steel Load Cell for 15" x 15" Base (Part#: EXOPT138)	\$225
FM Approved Load Cell for DXL Bases (Part#: DXLOPTFM)	\$75
ROLLER CONVEYOR OPTIONS	
15" x 15" Ball Transfer Top Stainless Steel Ball Transfer Units (Part#: DXL9OPT01)	\$950
15" x 15" Stainless Steel Rollers (Part#: DXL9OPT02) \$600	

1. Not Legal for Trade

Discount Level C applies to all options and replacement parts.



#### **SPECIFICATIONS**

Mechanical:

Warranty: Two Years Parts & Labor

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
4 Adjustable Feet
Bubble Level

#### **APPROVALS**

**KEY FEATURES** 

Six Overload Stops

U.S. Legal for Trade - NTEP

CC# 13-110 (5,000d)



Canadian Legal for Trade -Measurement Canada

AM-5926 (5,000d)



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## MS Bases

CAPACITY BASE SIZE MODEL (LB/KG) PRICE DMS3050 50lb / 22kg 18" x 18" \$650 DMS3100 100lb / 45kg 18" x 18" \$650 DMS3250 18" x 18" 250lb / 113kg \$650 DMS4250 250lb / 113kg 18" x 24" \$675 DMS4500 18" x 24" 500lb / 227kg \$675 DMS5250 250lb / 113kg 24" x 24" \$795 DMS5500 500lb / 227kg 24" x 24" \$795 DMS51000 1000lb / 454kg 24" x 24" \$795



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

Discount Level A applies to all scale options in this table.

#### MOBILITY OPTION

Mobility Kit (Part#: DMSOPT01) \$200

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) \$150
36" Tall - Top of platter to the middle of the indicator.

Short Painted Steel Column \$125
20" Tall - Top of platter to the middle of the indicator.

#### LOAD CELL OPTION

FM Approved Load Cell (Part#:DMSOPTFM) \$125

#### PLATTER OPTIONS

Stainless Steel Platter - 18" x 18" (Part#: MVPOPT004). \$150
Stainless Steel Platter - 18" x 24" (Part#: MVPOPT003). \$175
Stainless Steel Platter - 24" x 24" (Part#: MVPOPT003). \$200

## MS Bases

\$500

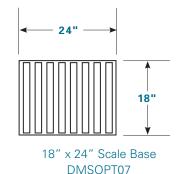
ROLLER CONVEYOR OPTIONS	
Roller Conveyor Option for 18" x 18" Scale Base (Part#: DMSOPT05)	\$300
Includes: Painted mild steel rails with six 1.9" diameter galvanized rollers on 3" centers. Roller weight capacity is 250lb PER ROLLER for all roller conveyor options.)	
Roller Conveyor Option for 18" x 24" Scale Base (Part#: DMSOPT07)	\$300
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.	
Roller Conveyor Option for 24" x 24" Scale Base (Part#: DMSOPT04)  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.	\$300

## 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 18" x 24" Scale Base (Part#: DMSOPT10) \$500 Includes: Twenty mild 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.

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.

Ball Transfer Option for 24" x 24" Scale Base (Part#: DMSOPT06).

BALL TRANSFER OPTIONS



Discount Level C applies to all options and replacement parts.

Discount Level C applies to all options and replacement parts.

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## Airline Baggage Scales

Low-Profile Baggage Scale

Recess Mount Baggage Scale

Curbside Baggage Scale

## 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 1.64" High

#### **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**

Power:

Warranty: One Year Parts & Labor Capacities: 250, 300, 500, or 1000lb

**Resolution:** 0.5lb or 0.2kg

6 Digit, red LED, 0.56" High Display:

Zero (On/Off), Units **Controls:** Indicators lb, kg, NEG, ZERO, MOT

> 115 VAC 60Hz Wall Mount Transformer UL/ULc (230 VAC Optional)

Units: lb or kg

Bi-directional RS-232 **Output:** Construction:

Low-Profile Base

- Galvanized Steel Frame

Recess Mount Base - Painted Mild Steel Frame

Curbside Baggage Scale

- Stainless Steel Face Plate

**Dimensions:** Low-Profile Base

- 29.5" x 32" x 1.375" High Bagwell Low-Profile Design

are available -

From 18" x 18" to 48" x 36"

Recess Mount Base - 24" x 24" x 5.25" High

Curbside Baggage Scale - 6.5" x 3.3" x 1.75" Deep

Remote Switch Control Box **Options:** 

#### **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)



#### **Indicator Only** DS100-BM (Baggage Main Display) \$350 DS100-BR (Baggage Remote Display) \$250 \$320 DS100 (Curbside Scale Display) Low-Profile Baggage Scale – Main Display DBS6300M/29321 $300 \times 0.5$ 136 x 0.2 See Note \$1,995 DBS6500M/29321 $500 \times 0.5$ 227 x 0.2 See Note \$1,995 Low-Profile Baggage Scale - Main and Remote Display DBS6300MR/29321 $300 \times 0.5$ 136 x 0.2 See Note \$2,245 DBS6500MR/29321 $500 \times 0.5$ 227 x 0.2 See Note \$2,245

PRICE

BASE

SIZE

Shown with optional remote switch

Recess Mount B	aggage Scale - IV	ain Display			
DBS5250M	250 x 0.5	113 x 0.2	24" × 24"	\$1,420	
DBS5500M	500 x 0.5	227 x 0.2	24" × 24"	\$1,420	
DBS51000M	1000 x 0.5	454 x 0.2	24" × 24"	\$1,420	
Recess Mount B	aggage Scale - N	lain and Remot	e Display		
DBS5250MR	250 x 0.5	113 x 0.2	24" x 24"	\$1,665	
DBS5500MR	500 x 0.5	227 x 0.2	24" × 24"	\$1,665	
DBS51000MR	1000 x 0.5	454 x 0.2	24" × 24"	\$1,665	

CAPACITY

MODEL

CAPACITY

(KG x G)



Curbside Bagg	age Scale			
DCS5250	250 x 0.5	113 x 0.2	24" x 24"	\$1,340
DCS5500	500 x 0.5	227 x 0.2	24" × 24"	\$1,340
DCS51000	1000 x 0.5	454 x 0.2	24" × 24"	\$1,340



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.

Discount Level A applies to all scale options in this table.

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#### **AIRLINE SCALE SERIES**

## 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
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

Selecta Series In-Motion SS Checkweigher Scale
FC6300 Series SS Formula Control Scale
BC6500 Bulk Control Indicator
QC Weigh Data Collection Software
Production Sentry Data Collection Software
Synapse Data Collection Software
CheckWay Software
Excelerator Data Collection Software



## In-Motion Checkweigher Scale

#### **KEY FEATURES**

#### Selecta

- Control your production process
- Accurately determines if a product meets a target weight at throughput speeds of up to 240 pieces per minute.
- Superior design with a large touch screen control panel, easy to remove belts, results in a dynamic checkweigher that is easy to use, extremely accurate, and remarkably rugged.

#### **Selecta Stainless Steel**

- Stainless Steel Components
- · Washdown, IP65

#### Selecta Integra

- Integrated Metal Detector
- · Available in Stainless Steel, IP65 version

#### **SPECIFICATIONS**

Warranty: One Year Parts & Labor

**User Interface:** 10.4" LCD Touch Screen in a stainless steel housing -

6 password protected user

levels

Controls: Emergency Stop, Start

Product Memory: Unlimited

**Power:** 110 VAC, 50/60 Hz

Connectivity: Standard: Wired Ethernet

Optional: USB Interface, WiFi

Standard: Wired Ethernet

Optional: USB Interface, WiFi

**Construction:** Stainless Steel & Aluminum

**Conveyor Belt Material:**Belt complies to regulation 21CFR of the FDA

Maximum

**Throughput Speed:** 240 PPM

**Capacity:** 1.2kg (2.6lb) (1200 Series)

3kg (6.6lb) (3000 Series)

**Resolution:** 0.1g (1200 Series)

0.5g (3000 Series)

**Conveyor Motors:** Brushless DC Motors

Conveyor Roller Dia.: 1 Inch

Working Height: 600 - 1750mm (63-69in)

Signaling Device: Two Color Light Tower



#### **APPROVALS**

#### **European Approval**

E-mark program (directive 76/211/CEE)

**US and Canada - Not Legal for Trade** 

## In-Motion Checkweigher Scale

MODEL	BELT SIZE	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)				
Selecta								
Selecta								
Selecta	300 x 200mm 400 x 250mm 500 x 300mm							
Selecta SS								
Selecta SS								
Selecta SS		1.3 x 0.0002 2.6	600 x 0.1g 1200	21 x 0.005 42				
Selecta Integra with Metal Detection	300 x 200mm 400 x 250mm	300 x 200mm			6.6	3000	106	Call for Quote
Selecta Integra with Metal Detection					8.6	4000	141	
Selecta Integra with Metal Detection								
Selecta SS Integra with Metal Detection								
Selecta SS Integra with Metal Detection								
Selecta SS Integra with Metal Detection								





The above photo of the Selecta SS Integra shows optional reject mechanisms, reject bins and plastic draft shield

Discount Level A applies to all scale options in this table.

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SELECTA IN-MOTION SERIES FC6300 SERIES

## In-Motion Checkweigher Scale

#### **COMMUNICATION OPTIONS**

USB interface (Part#: SELOPT100)
WiFi Interface (Part#: SELOPT101)

Process Control Machine Feedback (Part#: SELOPT102)

#### REJECT OPTIONS

External Reject Signal (Part#: SELOPT103)

Pusher Reject (Part#: SELOPT104)

Air Blast Reject (Part#: SELOPT105)

Air Blast Tank for high PPM (Part#: SELOPT132) Must be ordered with SELOPT105

Flip Rejector (Part#: SELOPT124)

Flip Rejector with Reject Bin (Part#: SELOPT125)

Trap Ejector (Part#: SELOPT126)

Reject Bin for 300mm Belt (Part#: SELOPT106)
Reject Bin for 400mm Belt (Part#: SELOPT107)
Reject Bin for 500mm Belt (Part#: SELOPT108)

Reject Bin Locking Mechanism (Part#: SELOPT109)

Reject Confirmation and Bin Full Sensor (Part#: SELOPT110)
Yellow Alarm Lamp (Part#: SELOPT111)
Blue Alarm Lamp (Part#: SELOPT112)

Intermittent Buzzer (Part#: SELOPT119)
Continuous Buzzer (Part#: SELOPT118)

#### **MECHANICAL OPTIONS**

Clear Plastic Draft Shield (Part#: SELOPT113) Increased Frame Height (Part#: SELOPT114)

Infeed Guides (Part#: SELOPT129)

Worm Screw Feeder (Part#: SELOPT129)

Motorized Side Belt - Single (Part#: SELOPT131)

Motorized Side Belt - Double (Part#: SELOPT131x2)

#### SPARE PART KIT OPTIONS

Selecta Basic Parts Kit (Part#: SELOPT115)

Selecta Stainless Steel Basic Parts Kit (Part#: SELOPT115SS)

2 Drive Belts, 2 conveyor belts, 1 photocell, 1 pulley

Selecta Advanced Parts Kit (Part#: SELOPT116)

Selecta Stainless Steel Advanced Parts Kit (Part#: SELOPT116SS)

Includes parts in Basic Kit Plus, 1 gearmotor, 1 Idle roller group, 1 Driving roller group

Discount Level C applies to all options and replacement parts.

## 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

Lot Id, Re F1, and A Power: 115 VAC, (230 VAC  Communications: Standard: Wired Eth Optional: Wireless	) er, Start/Stop, call, Zero, Menu, Iphanumeric Keypa
Lot Id, Re F1, and A Power: 115 VAC, (230 VAC  Communications: Standard: Wired Eth Optional: Wireless	ecall, Zero, Menu, Iphanumeric Keypa
Communications: Standard: Wired Eth Optional: Wireless	F0/00 LI
Wired Eth  Optional: Wireless	
	Ethernet
<b>Construction:</b> 304 Stain (16 Gauge	less Steel e)
<b>Dimensions:</b> 8" H x 10' (Indicator	'W x 3.75" D )

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FC6300 SERIES

## SS Formula Control Scale

MODEL	CAPACITY (LB)	CAPACITY (KG x G)	CAPACITY (OZ)	BASE SIZE	PRICE	
Indicator Only & Formula Loader Windows Based Software						
FC6300					\$9,600	
Scale with 20" C	olumn					
FC63100SP/1818	100 x 0.01	45 x 5g	1600 x 0.2	18" x 18"	\$10,695	
FC63150SP/1818	150 x 0.01	68 x 5g	2400 x 0.2	18" x 18"	\$10,695	
FC63250SP/1818	250 x 0.02	113 x 10g	4000 x 0.5	18" x 18"	\$10,695	
FC63500SP/1818	500 x 0.05	227 x 20g	8000 x 1	18" x 18"	\$10,695	
FC63100SP/1824	100 x 0.01	45 x 5g	1600 x 0.2	18" x 24"	\$10,795	
FC63150SP/1824	150 x 0.01	68 x 5g	2400 x 0.2	18" x 24"	\$10,795	
FC63250SP/1824	250 x 0.02	1113 x 10g	4000 x 0.5	18" x 24"	\$10,795	
FC63500SP/1824	500 x 0.05	227 x 20g	8000 x 1	18" x 24"	\$10,795	
FC63100SP/2424	100 x 0.01	45 x 5g	1600 x 0.2	24" × 24"	\$11,095	
FC63150SP/2424	150 x 0.01	68 x 5g	2400 x 0.2	24" × 24"	\$11,095	
FC63250SP/2424	250 x 0.02	113 x 10g	4000 x 0.5	24" × 24"	\$11,095	
FC63500SP/2424	500 x 0.05	227 x 20g	8000 x 1	24" × 24"	\$11,095	
<b>Optional Second</b>	Scale Base					
DXL7002/88-FC	2 x 0.0002	0.9 x 0.1g	32 x 0.005	8" x 8"	\$855	
DXL7005/88-FC	5 x 0.0005	2.3 x 0.2g	80 x 0.01	8" x 8"	\$855	
DXL7002-FC	2 x 0.0002	0.9 x 0.1g	32 x 0.005	10" × 10"	\$855	
DXL7005-FC	5 x 0.0005	2.3 × 0.2g	80 x 0.01	10" × 10"	\$855	

## SS Formula Control Scale

#### **HEAVY DUTY BARCODE SCANNER**

Heavy Duty Barcode Scanner (Rated IP65) (Part #: 63OPT10)....

..... \$1,345

Includes: Barcode wand with 12' long cable, factory wired into the Model FC6300



#### **DECODING CAPABILITY**

- Codabar
- · Code 93
- Code 128
- · Code 128 add-ons
- · Code 128ISBT

EAN128

MSI/Plessey

- Italian Pharmacode 39
- P2/P5 add-ons
- Standard 2 of 5 RSS-14
- UPC/EAN/JAN
   RSS Expanded
- PDF-417 Interleaved 2 of 5

#### **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 #: 630PT01) \$995 LIST

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

Discount Level A applies to all scale options in this table.

Discount Level C applies to all options and replacement parts.

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FC6300 SERIES

BC6500 SERIES

## SS Formula Control Scale

FORMULA LOADER SOFTWARE OPTIONS

Production Scheduler Module (Part#: 630PT12)	\$3,500
SQL Database Module (Part#: 63OPT13)	\$2,500
Park and Retrieve (Part #: 63OPT25)	\$2,500
Inventory Traxx (Part#: SFT0012)	\$2,500
Available, Requires Ethernet Communication (Part#: 63OPT14)	Call for Quote
ONSITE SUPPORT, INSTALLATION, AND TRAINING	
Onsite Support, Installation, and Training (Daily Rate - 8 Hours - 8-5 PM) (Part#: 63OPT15)  Please note: This item's price is the net price, discount does not apply.	\$995
PRINTER OPTIONS	
Thermal Label Printer (non-washdown) and Printer Cable (Part#: 63OPT23)	\$675
4" x 4" Thermal Label Stock (1 Roll of 700 Labels) (Part#: PRT0010	\$35
Paper Tape Printer (non-washdown) and Printer Cable (Part#: 63OPT24)	\$675
Stainless Steel Printer Enclosure (Part #: 630PT50)	\$1 200



Thermal Label Printer Part#: 63OPT23



Paper Tape Printer Part#: 630PT24

Discount Level C applies to all options and replacement parts.

## 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

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

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BC6500 SERIES QC WEIGH

### SS Bulk Control Indicator

MODEL	PRICE	
Indicator Only & Formula Loader Windows Based Software		
BC6500	\$14,500	
BC6500	\$14,500	

Discount Level A applies to all scale options in this table.

FORMULA LOADER SOFTWARE OPTIONS	
Production Scheduler Module (Part#: 63OPT12)	\$3,500
SQL Database Module (Part#: 63OPT13)	\$2,500
Park and Retrieve (Part #: 630PT25)	
Inventory Traxx (Part#: SFT0012)	\$2,500

#### **HEAVY DUTY BARCODE SCANNER**

Heavy Duty Barcode Scanner (Rated IP65) (Part #: 63OPT10) \$1,345
Includes: Barcode wand with 12' long cable, factory wired into the Model BC5600

#### CONTROL OPTION

#### ONSITE SUPPORT, INSTALLATION, AND TRAINING

Onsite Support, Installation, and Training (Daily Rate - 8 Hours - 8-5 PM) (Part#: 63OPT15) \$995

Please note: Does not include travel expenses.

#### PRINTER OPTIONS

Thermal Label Printer (non-washdown) and Printer Cable (Part#: 63OPT23)



Thermal Label Printer Part#: 63OPT23

Discount Level C applies to all options and replacement parts.

## 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	\$1,595

Discount Level C applies to all items.

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\$675

**QC WEIGH** 

#### **PRODUCTION SENTRY**

## Data Collection Software

## Data Collection Software

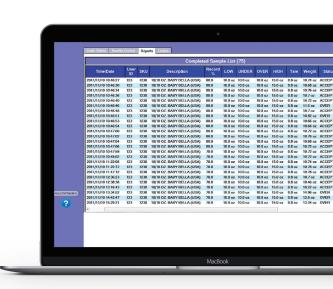
QC WEIGH OPTIONS	
QC Weigh Live (Part#: SFT0006-1)	\$1,99
SQL Database Module (Part#: 620PT17)	\$2,50
Onsite Support, Installation, and Training (Part#: ZZZ0057)  Daily Rate - 8 Hours (8AM - 5PM)	\$99
REQUIRED SCALE OPTION	
Configure 2200CW to be compatible with QC Weigh (Part#: EXOPT214)  Refer to the 2200CW scale section for detailed specifications of these scales and other capacities and sizes	\$0
REQUIRED COMMUNICATIONS OPTIONS	
Ethernet - Wired* (Part#: EXOPT302)  Includes: Internal Ethernet interface board with sealed RJ45 connector on the back of the scale.	\$39
Washdown Safe RJ45 Ethernet Connector Field Install Kit (Part#: EXOPT150)	\$6
Ethernet - Wireless 802.11b* (Part#: EXOPT303) Includes: Internal Ethernet interface board and a 3.5" long flexible antenna with a NEMA4X bulkhead mount on the back of the meter.	\$39
NOTE * This option is not field installable, call Doran Scales for more details.	

#### **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 Production Sentry 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	PRICE
Production Sentry Software	
SFT0008	\$4,995

Discount Level C applies to all items.

Discount Level C applies to all items.

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SYNAPSE

## Data Collection Software

## Software

#### **KEY FEATURES**

- Production issues are identified quickly, resulting in lower costs and reduced downtime
- · Accessible with any web browser
- View real-time plant floor data from the Selecta In-Motion Checkweigher in an easy to read dashboard

View real-time plant floor data from the Selecta In-Motion Checkweigher in an easy to read dashboard. Data rich, information poor is a phrase used to describe the situation many manufacturers find themselves in with the rapid adoption of the Internet of Things (IoT) on the plant floor. Connected devices are streaming endless amounts of data, but the challenge is making sense of it so actions can be taken and the production process can be controlled. Doran Scales puts you in the driver's seat with the Synapse software that is included with the Selecta In-Motion Checkweigher. Some other scale manufacturer's offer this type of solution at a premium cost, and many don't provide any software component at all.

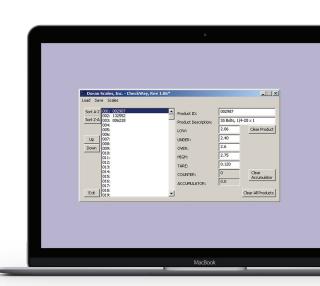
In the Synapse dashboard you'll be able to see the efficiency of the production batch, standard deviation, the number of rejected items, a list of time stamped weight readings, frequency distribution, and many other critical quality control data. All the information is displayed in easy to read lists or color-coded bar graphs. Viewing the specific data on a particular product number and lot ID is achieved by choosing them in the drop-down menu of the dashboard.



#### **KEY FEATURES**

- Load Checkweighing tolerances remotely
- Stores all 2200CW products into database

It's never been easier to upload, download, and maintain checkweigh tolerances than it is now with CheckWay. This optional software is designed for use with the 2200CW Checkweigher's internal database through standard or optional communication choices. Simply enter the product ID, Description field, Checkweigh parameters, and Tare weights, and then select the scale(s) to upload to or download from. Scale setup files are saved on the PC, so configuring several scales with identical data is easy and accurate. Programming hundreds of product parameters takes minutes instead of hours.



MODEL	PRICE
Synapse Software	
SFT0001 - Included with Selecta	\$0
SFT0002 - SQL Database	\$2,500

MODEL PRICE	
CheckWay Software	
SFT0005 \$395	

Discount Level C applies to all items.

Discount Level C applies to all items.

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## **Data Collection Software**

#### **KEY FEATURES**

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

Introducing Excelerator, 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 Excelerator 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 Excelerator 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 Excelerator 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 Excelerator 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	
Excelerator Software		
SFT0001	\$795	

### **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. Unless product is returned in new condition within 30 days, returned product will be 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.

SERVICE AND WARRANTY POLICY

- 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 \$50 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 FM approval.

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:

- 8000MIS Indicator
- 8000BIS Battery Pack
- 8000CIS Safe Area Battery Pack Charger
- 8000AIS AC Power Supply

The 8000CIS can still be manufactured based upon availability of parts.

#### 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 \$50 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 \$50 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/SERVIC	E		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 PC500	PC400 Selecta	1 Year
Rechargeable Ba Replacement Pa			90 Days
Service Repairs	Service Repairs		90 Days Product must be returned to Doran for evaluation.

#### 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.

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#### 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.

#### 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. Batavia, 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. 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

- 10. 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.
- 11. 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 PC-500 portion control scales.
- 12. SPECIFICATIONS: Specifications are subject to change without notice.
- 13. 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.

#### **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 \$50 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.





#### **DORAN SCALES**

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