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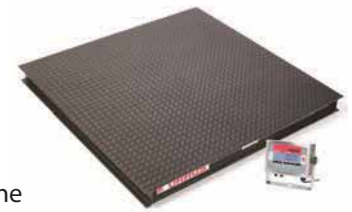
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VX Series

Economical Floor Scale for Basic Industrial Applications



- VX is ruggedly constructed and includes an epoxy painted steel frame, a NEMA 4X/IP65 stainless steel indicator, NEMA 4X/IP67 sealed plastic junction box and IP67 sealed load cells.
- The included internal rechargeable battery keeps the scale running and allows for placement of the platform away from outlets while the backlit LCD projects large 1" digits.
- Weighing and counting modes produce results in five weighing units, and the included RS232 provides the ability to connect the scale to a printer or PC for data reporting purposes.

- Application** Weighing, Parts Counting
- Display** Backlit liquid crystal display (LCD)
- Operation** Power cord (included) or rechargeable battery (included)
- Communication** Easy access communication port with RS232 interface (included)
- Construction** NEMA 4X/IP65 stainless steel indicator with hinged front-cover, 5mm fixed top plate, wall bracket, epoxy painted steel platform and frame, NEMA 4/IP67 plastic junction box with side access, 4 IP67 NTEP alloy steel load cells
- Design Features** 125% overload protection

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|--------------|--------------------|---------------|-----------------------|-----------------------------------|----------|-----------|
| VX32XW5000X | 5000 lb / 2200 kg | 1 lb / 0.5 kg | — | 5 ft x 5 ft / 1,524 mm x 1,524 mm | 80253296 | |
| VX32XW10000L | 10000 lb / 4500 kg | 2 lb / 1 kg | | 4 ft x 4 ft / 1,219 mm x 1,219 mm | 80253297 | |
| VX32XW10000X | | | | 5 ft x 5 ft / 1,524 mm x 1,524 mm | 80253298 | |

| Approved Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|----------------|--------------------|-----------------|-----------------------|-----------------------------------|----------|-----------|
| VX32XW2500L | 25000 lb / 1000 kg | 0.5 lb / 0.2 kg | 0.5 lb / 0.2 kg | 4 ft x 4 ft / 1,219 mm x 1,219 mm | 80253294 | |
| VX32XW5000L | 5000 lb / 2200 kg | 1 lb / 0.5 kg | 1 lb / 0.5 kg | 4 ft x 4 ft / 1,219 mm x 1,219 mm | 80253295 | |

| Accessories | Item No. | Price USD |
|----------------------------------|----------|-----------|
| Column Kit, Painted, Floor Scale | 30047153 | |
| Column Kit, SST, Floor Scale | 30047154 | |
| Printer, Impact, SF40A, AM | 30064203 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Foot Kit, Set(4), VX | 80252545 | |
| Junction Box, VX | 80252546 | |
| Bolt Kit, Loadcell, VX | 80252547 | |
| Foot Plate, Set(2), Painted, VX | 80252548 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Ramp, 48x48in, 2.5K/5K, VX | 80252766 | |
| Ramp, 60x60in, 5K, VX | 80252767 | |
| Ramp, 48x48in, 10K, VX | 80252795 | |
| Ramp, 60x60in, 10K, VX | 80252796 | |
| Bolt Kit, Floor, VX | 80252838 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Cable, RS232, CKW TxxXW | 80500552 | |
| Software, Winwedge | 80850080 | |

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VN Series

Economical Painted Steel Floor Scales for Basic Industrial Applications



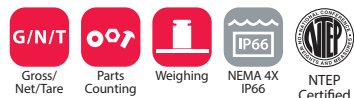
- The durable VN is constructed of an epoxy painted steel frame, an ABS T31P indicator, NEMA 4X/IP65 sealed stainless steel junction box and IP67 sealed load cells.
- With a rechargeable lead acid battery included with each VN, position the floor scale freely in the workspace without having to be forced to work near an outlet.
- Painted steel ramps are available to be added to any VX platform, which provide bottom support ribs that prevent the platform from bending under heavy loads.

- Application** Weighing, Parts Counting
- Display** Backlit liquid crystal display (LCD)
- Operation** AC adapter (included) or rechargeable battery (included)
- Communication** Easy access communication port with RS232 interface
- Construction** ABS plastic indicator, black painted steel treaded platform, NEMA 4X/IP65 stainless steel junction box with side access, IP67 NTEP alloy steel load cells, two carbon steel eye bolts, four self-swiveling ball-in-cup feet
- Design Features** 125% overload protection

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|------------|-------------------|---------------|-----------------------|-----------------------------------|----------|-----------|
| VN31P5000L | 5000 lb / 2500 kg | 1 lb / 0.5 kg | 1 lb / 0.5 kg | 4 ft x 4 ft / 1,219 mm x 1,219 mm | 80252563 | |
| VN31P5000X | | | | 5 ft x 5 ft / 1,524 mm x 1,524 mm | 80252564 | |

| Accessories | Item No. | Price USD |
|------------------------------------|----------|-----------|
| Column Kit, Painted, Floor Scale | 30047153 | |
| Column Kit, SST, Floor Scale | 30047154 | |
| Printer, Impact, SF40A, AM | 30064203 | |
| Foot Plate, Set(2), Painted, VE VN | 72198344 | |
| Printer, Thermal, STP-103, US | 80251992 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Ramp, 48in, Painted, VN | 80252565 | |
| Ramp, 60in, Painted, VN | 80252566 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Software, Winwedge | 80850080 | |



VN Series Floor Scale Platforms

Basic Level Floor Scale Bases

- Durable epoxy painted steel frame and platform
- NEMA4X/IP65 sealed stainless steel junction box
- IP67 sealed loadcells



- Construction** Black painted steel platform, raised embossed treads, fixed top plate 5mm thick, four IP67 NTEP alloy steel load cells, NEMA 4X/IP65 stainless steel junction box with side access, self swiveling stainless steel ball in cup leveling feet.

- Design Features** Ball-in-Cup Leveling Feet, Steel Eye Bolts for Easy Lifting and Positioning

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|---------|-------------------|---------------|-----------------------|-----------------------------------|----------|-----------|
| VN5000L | 5000 lb / 2500 kg | 1 lb / 0.5 kg | 1 lb / 0.5 kg | 4 ft x 4 ft / 1,219 mm x 1,219 mm | 80252561 | |
| VN5000X | | | | 5 ft x 5 ft / 1,524 mm x 1,524 mm | 80252562 | |



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CKW Checkweigher

Advanced Checkweighing Bench Scale for Food Processing use

- The CKW features multiple checkweighing options including Positive, Negative, Zero or Net and statistical capabilities to provide accurate results for advanced checkweighing needs.
- CKW is NSF Certified, USDA-AMS Accepted, and supports HACCP-certified systems, and is safe for use in food processing applications.
- The base's open framework can be thoroughly cleaned to eliminate the risk of contamination caused by residue build up.



Application Weighing, Checkweighing

Display Light emitting diode (LED) display, 24 segment traffic light LED bar graph

Operation AC power (included) or rechargeable battery (accessory sold separately)

Communication Easy access communication port including RS232 interface and external tare input (included) and RS422/485 or AC/DC relay outputs (accessories sold separately)

Construction NEMA 4X/IP66 stainless steel indicator, 304 grade stainless steel platform with no visible threads, rounded corners, drain holes, extended skirt and open frame, IP67 stainless steel load cell, stainless steel column and wall bracket, level indicator

Design Features Simple plug and play installation of accessories, 20 part library, 3-color 24-segment bar graph, beeper, and weight display alert checkweighing indications, NSF listed and USDA-AMS accepted, checkweighing target settings by range

| Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|----------|-------------------|---------------|------------------|-----------------------|---------------------------------|----------|-----------|
| CKW3R55 | IP66 | 6 lb / 3 kg | 0.001 lb / 0.5 g | 0.002 lb / 1 g | 10 in x 10 in / 254 mm x 254 mm | 80251041 | |
| CKW6R55 | | 15 lb / 6 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 10 in x 10 in / 254 mm x 254 mm | 80251042 | |
| CKW15L55 | | 30 lb / 15 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 12 in x 12 in / 305 mm x 305 mm | 80251043 | |
| CKW30L55 | | 60 lb / 30 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 12 in x 12 in / 305 mm x 305 mm | 80251044 | |

| Accessories | Item No. | Price USD |
|-------------------------------|----------|-----------|
| Wall Mount Kit, SST, CKW | 71167964 | |
| RS422/485 Kit, CKW | 71167965 | |
| Rechargeable Battery Kit, CKW | 71167966 | |
| Relay Kit, AC, CKW | 71167967 | |
| Relay Kit, DC, CKW | 71173377 | |
| Foot Switch Kit, CKW D51 D71. | 71173378 | |
| Cable, RS232, CKW TxxXW | 80500552 | |
| Software, Winwedge | 80850080 | |

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Defender® 7000 Washdown

High Performance Stainless Steel Washdown Bench Scales for Advanced Applications

- Defender 7000 has advanced features such as accumulation mode, a 255-item library and optional alibi memory capability, as well as a 1:15,000 maximum displayed resolution.
- This advanced scale has dual-scale capabilities in which it can display the weights from two platforms and is powerful enough to drive up to 8 - 350 ohm load cells per platform.
- The rugged Defender 7000 has a stainless steel platform, form-and-weld frame, IP67 load cell, column and indicator bracket, as well as an indicator that is NEMA 4X/IP66 rated.

Application Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic/Animal Weighing, Accumulation, Display Hold

Display Backlit liquid crystal display (LCD) with secondary information line, 3 color checkweighing LEDs

Operation Power cord (included) or rechargeable battery (accessory sold separately)

Communication Easy access communication port including RS232 (included) and 2nd RS232 or RS422/RS485 (accessories sold separately). GLP/GMP data output with real-time clock

Construction IP66 indicator with hinged front cover, IP67 stainless steel load cell, column, and mounting bracket, 304 grade stainless steel form-and-weld frame

Design Features User-configurable resolution up to 50,000d/10,000e, alibi memory kit (accessory sold separately), 150% overload capacity protection, five operating languages, OIML Approved, NTEP Certified and Measurement Canada Approved

Models with "W" bases feature an NEMA 4X/IP66 stainless steel indicator, stainless steel platform with stainless steel form-and-weld frame, IP67 stainless steel loadcell, stainless steel column and wall bracket included.

Models with "H" bases feature a stainless steel indicator, stainless steel platform with a painted steel form-and-weld frame, IP67 aluminum loadcell, painted steel column and wall bracket included.



| Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-------------|-------------------|-------------------------------------|-----------------|-----------------------|-------------------------------------|-------------------------------------|-----------|
| D71XW10WR3 | IP66; NEMA 4X | 25 lb / 10 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 12 in x 12 in / 305 mm x 305 mm | 80501537 | |
| D71XW15HR1 | | 30 lb / 15 kg | | | 12 in x 12 in / 305 mm x 305 mm | 80501358 | |
| D71XW25WR3 | | 50 lb / 25 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 12 in x 12 in / 305 mm x 305 mm | 80501538 | |
| D71XW30HR1 | | 60 lb / 30 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80501359 | |
| D71XW50WL4 | | 100 lb / 50 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 18 in x 18 in / 457 mm x 457 mm | 80501539 | |
| D71XW60HR1 | | 150 lb / 60 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80501360 | |
| D71XW60HL2 | | | 200 lb / 100 kg | 0.02 lb / 10 g | 0.05 lb / 20 g | 19.7 in x 15.7 in / 500 mm x 400 mm | 80501361 |
| D71XW100HL2 | | 19.7 in x 15.7 in / 500 mm x 400 mm | | | | 80501362 | |
| D71XW100WL4 | | 300 lb / 150 kg | 0.02 lb / 10 g | 0.1 lb / 50 g | 18 in x 18 in / 457 mm x 457 mm | 80501540 | |
| D71XW150HX2 | | | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80501363 | |
| D71XW250WX4 | | 500 lb / 250 kg | 0.05 lb / 20 g | 0.2 lb / 100 g | 24 in x 24 in / 610 mm x 610 mm | 80501541 | |
| D71XW300HX2 | | 600 lb / 300 kg | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80501364 | |

| Accessories | Item No. | Price USD |
|---------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Foot Switch Kit, CKW D51 D71. | 71173378 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| PCBA Kit, Alibi Memory, R71 T71 | 80500503 | |
| Cable, RS232, CKW TxxXW | 80500552 | |
| Relay Kit, AC, T51 T71 | 80500720 | |

| Accessories | Item No. | Price USD |
|-----------------------------------|----------|-----------|
| Relay Kit, DC, T51 T71 | 80500727 | |
| Rechargeable Battery Kit, T51 T71 | 80500729 | |
| RS422/485 Kit, T51 T71 | 80500731 | |
| RS232 Kit, T51 T71 | 80500733 | |
| Wall Mount Kit, SST, T51XW T71XW | 80500735 | |
| Software, Winwedge | 80850080 | |

| | | | | | | | | | | | | | | |
|----------------|------------------|--------------|------------------|-----------------------|----------------|--------------|---------------------|-------------------------------|----------------------------|------------------|---------------------|-----------------------------|-----------------------------|----------------|
| Accumulation | Checkweighing | Display Hold | Dynamic Weighing | Audible Alerts | Auto Shut-Off | Backlight | Battery Power | Environmental Filters | External Analog Base Input | GLP Data Output | GMP/GLP | LED Checkweighing Indicator | Level Indicator | NTEP Certified |
| Parts Counting | Percent Weighing | Weighing | Leveling Feet | Low Battery Indicator | Multi-Language | NEMA 4X IP66 | Overload Protection | Overload/Underload Indicators | Rechargeable Battery | Software Lockout | Stability Indicator | Time/Date | Measurement Canada Approved | |

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Defender® 7000

High Performance Bench Scales for Advanced Applications

- Defender 7000 has advanced features such as accumulation mode, a 255-item library and optional alibi memory capability, as well as a 1:15,000 maximum displayed resolution.
- This advanced scale has dual-scale capabilities in which it can display the weights from two platforms and is powerful enough to drive up to 8 - 350 ohm load cells per platform.
- The ultra-durable Defender 7000 has a stainless steel platform, painted form-and-weld frame, column, and indicator bracket, aluminum IP67 load cell as well as an ABS indicator.

- Application** Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic/Animal Weighing, Accumulation, Display Hold
- Display** Backlit liquid crystal display (LCD) with secondary information line, 3 color checkweighing LEDs
- Operation** Power cord (included) or 6 C (LR14) batteries (not included) or rechargeable battery (accessory sold separately)
- Communication** Easy access communication port including RS232 (included) and 2nd RS232 or RS422/RS485 (accessories sold separately). GLP/GMP data output with real-time clock.
- Construction** ABS plastic indicator with reversible rear cover, painted steel wall bracket and column, painted steel 304 grade stainless steel platform with black polyurethane form-and-weld frame, IP67 aluminum load cell, non-slip adjustable rubber feet
- Design Features** Alibi memory kit (accessory sold separately), 150% overload capacity protection, five operating languages, OIML Approved, NTEP Certified and Measurement Canada Approved



| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|------------|-----------------|----------------|-----------------------|-------------------------------------|----------|-----------|
| D71P10QR1 | 25 lb / 10 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 12 in x 12 in / 305 mm x 305 mm | 80501477 | |
| D71P15HR1 | 30 lb / 15 kg | | 0.01 lb / 5 g | 14 in x 12 in / 355 mm x 305 mm | 80501303 | |
| D71P25QR1 | 50 lb / 25 kg | 0.005 lb / 2 g | 0.02 lb / 10 g | 12 in x 12 in / 305 mm x 305 mm | 80501478 | |
| D71P30HR1 | 60 lb / 30 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80501304 | |
| D71P50QL2 | 100 lb / 50 kg | 0.01 lb / 5 g | 0.05 lb / 20 g | 18 in x 18 in / 457 mm x 457 mm | 80501479 | |
| D71P60HR1 | 150 lb / 60 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80501305 | |
| D71P60HL2 | | | | 19.7 in x 15.7 in / 500 mm x 400 mm | 80501306 | |
| D71P100HL2 | 200 lb / 100 kg | 0.02 lb / 10 g | 0.1 lb / 50 g | 19.7 in x 15.7 in / 500 mm x 400 mm | 80501307 | |
| D71P100QL2 | | | | 18 in x 18 in / 457 mm x 457 mm | 80501480 | |
| D71P150HX2 | 300 lb / 150 kg | 0.05 lb / 20 g | 0.2 lb / 100 g | 21.7 in x 16.5 in / 550 mm x 420 mm | 80501308 | |
| D71P250QX2 | 500 lb / 250 kg | | | 24 in x 24 in / 610 mm x 610 mm | 80501481 | |
| D71P300HX2 | 600 lb / 300 kg | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80501309 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Foot Switch Kit, CKW D51 D71. | 71173378 | |
| Wall Mount Kit, Painted, T51P T71P | 72200227 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| PCBA Kit, Alibi Memory, R71 T71 | 80500503 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Relay Kit, AC, T51 T71 | 80500720 | |

| Accessories | Item No. | Price USD |
|--------------------------------------|----------|-----------|
| Base Mount Kit, Painted, T51P T71P | 80500722 | |
| Relay Kit, DC, T51 T71 | 80500727 | |
| Rechargeable Battery Kit, T51 T71 | 80500729 | |
| RS422/485 Kit, T51 T71 | 80500731 | |
| RS232 Kit, T51 T71 | 80500733 | |
| Cable Kit, Loadcell Adapter, T51 T71 | 80500736 | |
| Software, Winwedge | 80850080 | |

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Defender® 7000 Low Profile

Multi-Functional, High Quality Modular Scale For Advanced Applications



- Full alphanumeric keypad, dual-line display supporting English, Spanish or French text, checkweighing LEDs
- Advanced parts counting with dual-scale, dynamic weighing, percent weighing, display hold, checkweighing, accumulation, time/date, temporary expanded 10x readability mode, library mode with 255 memory location
- GMP data output with date, time user ID, project ID and scale ID, statistics, lb, oz, lb:oz, g, kg, metric tonnes, user-defined custom unit

- Application** Weighing, Display Hold, Dynamic Weighing, Counting, Checkweighing, Percent Weighing, Accumulation, Library of up to 256 records, Optional Alibi Memory
- Display** LCD display with white LED backlight, alphanumeric line and multi-language, plus 3 color checkweigh LED
- Operation** Internal universal power supply or 6 x C batteries or optional internal NiMH rechargeable battery
- Communication** RS232 Interface with GMP, Time-Date, optional RS422/485, AC/DC Relay, 2nd RS232
- Construction** ABS Indicator, 304 grade stainless steel platform pan with black polyurethane painted steel form-and weld frame, IP67 aluminium load cell, base mount bracket included
- Design Features** Alpha numeric keypad on indicator, platform with 5 or 6 point overload stops for 150% safe overload protection

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|------------|-----------------|----------------|---------------------------------|-------------------------------------|---------------------------------|-----------|
| D71P10QR5 | 25 lb / 10 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 12 in x 12 in / 305 mm x 305 mm | 80501487 | |
| D71P15HR5 | 30 lb / 15 kg | | 0.01 lb / 5 g | 14 in x 12 in / 355 mm x 305 mm | 80501324 | |
| D71P25QR5 | 50 lb / 25 kg | 0.005 lb / 2 g | | 0.02 lb / 10 g | 12 in x 12 in / 305 mm x 305 mm | 80501488 |
| D71P30HR5 | 60 lb / 30 kg | | 14 in x 12 in / 355 mm x 305 mm | | 80501325 | |
| D71P50QL5 | 100 lb / 50 kg | 0.01 lb / 5 g | 0.05 lb / 20 g | 18 in x 18 in / 457 mm x 457 mm | 80501489 | |
| D71P60HR5 | 150 lb / 60 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80501326 | |
| D71P60HL5 | 200 lb / 100 kg | 0.02 lb / 10 g | 0.1 lb / 50 g | 19.7 in x 15.7 in / 500 mm x 400 mm | 80501327 | |
| D71P100HL5 | | | | 19.7 in x 15.7 in / 500 mm x 400 mm | 80501328 | |
| D71P100QL5 | 300 lb / 150 kg | 0.05 lb / 20 g | 0.2 lb / 100 g | 18 in x 18 in / 457 mm x 457 mm | 80501490 | |
| D71P150HX5 | | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80501329 | |
| D71P250QX5 | 500 lb / 250 kg | 0.05 lb / 20 g | 0.2 lb / 100 g | 24 in x 24 in / 610 mm x 610 mm | 80501491 | |
| D71P300HX5 | 600 lb / 300 kg | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80501330 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Foot Switch Kit, CKW D51 D71. | 71173378 | |
| Wall Mount Kit, Painted, T51P T71P | 72200227 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| PCBA Kit, Alibi Memory, R71 T71 | 80500503 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Relay Kit, AC, T51 T71 | 80500720 | |

| Accessories | Item No. | Price USD |
|------------------------------------|----------|-----------|
| Base Mount Kit, Painted, T51P T71P | 80500722 | |
| Relay Kit, DC, T51 T71 | 80500727 | |
| Rechargeable Battery Kit, T51 T71 | 80500729 | |
| RS422/485 Kit, T51 T71 | 80500731 | |
| RS232 Kit, T51 T71 | 80500733 | |
| Software, Winwedge | 80850080 | |

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Defender® 5000 Stainless Steel

Multifunctional Stainless Steel Bench Scales for Standard Washdown Industrial Applications

- Defender 5000 features software for parts counting, dynamic weighing, percent weighing, checkweighing, display hold for large containers and can meet traceability requirements.
- Multiple connectivity capabilities include built-in RS232 bi-directional interface and external input as well as optional RS422/485, second RS232 and AC or DC relay.
- The durable Defender 5000 has a stainless steel platform, form-and-weld frame, IP67 load cell, column and indicator bracket, as well as an indicator that is also 4X/IP66 rated.

- Application** Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic/Animal Weighing, Display Hold
- Display** Backlit liquid crystal display (LCD), 3 color checkweighing LEDs
- Operation** Power cord (included) or rechargeable battery (accessory sold separately)
- Communication** Easy access communication port including RS232 (included) and 2nd RS232 or RS422/RS485 (accessories sold separately). GLP/GMP data output with real-time clock.
- Construction** IP66 indicator with hinged front cover, IP67 stainless steel load cell, column, and mounting bracket, 304 grade stainless steel form-and-weld frame
- Design Features** User-configurable resolution up to 15,000d/3,000e, 150% overload capacity protection, OIML Approved, NTEP Certified and Measurement Canada Approved



| Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-------------|-------------------|---------------------------------|-----------------|-------------------------------------|-------------------------------------|----------|-----------|
| D51XW10WR3 | IP66; NEMA 4X | 25 lb / 10 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 12 in x 12 in / 305 mm x 305 mm | 80501214 | |
| D51XW15HR1 | | 30 lb / 15 kg | | 0.01 lb / 5 g | 14 in x 12 in / 355 mm x 305 mm | 80500907 | |
| D51XW25WR3 | | 50 lb / 25 kg | 0.005 lb / 2 g | 0.02 lb / 10 g | 12 in x 12 in / 305 mm x 305 mm | 80501215 | |
| D51XW30HR1 | | 60 lb / 30 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80500908 | |
| D51XW50WL4 | | 100 lb / 50 kg | 0.01 lb / 5 g | 0.05 lb / 20 g | 18 in x 18 in / 457 mm x 457 mm | 80501216 | |
| D51XW60HR1 | | 150 lb / 60 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80500909 | |
| D51XW60HL2 | | | 200 lb / 100 kg | 0.02 lb / 10 g | 19.7 in x 15.7 in / 500 mm x 400 mm | 80500910 | |
| D51XW100WL4 | | 18 in x 18 in / 457 mm x 457 mm | | | 80501217 | | |
| D51XW100HL2 | | 300 lb / 150 kg | 0.1 lb / 50 g | 19.7 in x 15.7 in / 500 mm x 400 mm | 80500911 | | |
| D51XW150HX2 | | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80500912 | | |
| D51XW250WX4 | | 500 lb / 250 kg | 0.05 lb / 20 g | 0.2 lb / 100 g | 24 in x 24 in / 610 mm x 610 mm | 80501218 | |
| D51XW300HX2 | | 600 lb / 300 kg | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80500913 | |

| Accessories | Item No. | Price USD |
|-------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Foot Switch Kit, CKW D51 D71. | 71173378 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, CKW TxxXW | 80500552 | |
| Relay Kit, AC, T51 T71 | 80500720 | |
| Relay Kit, DC, T51 T71 | 80500727 | |

| Accessories | Item No. | Price USD |
|--------------------------------------|----------|-----------|
| Rechargeable Battery Kit, T51 T71 | 80500729 | |
| RS422/485 Kit, T51 T71 | 80500731 | |
| RS232 Kit, T51 T71 | 80500733 | |
| Wall Mount Kit, SST, T51XW T71XW | 80500735 | |
| Cable Kit, Loadcell Adapter, T51 T71 | 80500736 | |
| Software, Winwedge | 80850080 | |

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|----------------|--------------|------------------|----------------|-----------------|---------------|-----------------------|----------------|-----------------------|----------------------------|-------------------------------|----------------------|------------------|---------------------|-----------------------------|----------------|
| Checkweighing | Display Hold | Dynamic Weighing | Parts Counting | Audible Alerts | Auto Shut-Off | Backlight | Battery Power | Environmental Filters | External Analog Base Input | GLP Data Output | GMP/GLP | Time/Date | Hinged Cover | LED Checkweighing Indicator | NTEP Certified |
| Gross/Net/Tare | Totalization | Percent Weighing | Weighing | Level Indicator | Leveling Feet | Low Battery Indicator | Multi-Language | NEMA 4X IP66 | Overload Protection | Overload/Underload Indicators | Rechargeable Battery | Software Lockout | Stability Indicator | Measurement Canada Approved | |

Defender® 5000

Multifunctional Bench Scales for Standard Industrial Applications

- Defender 5000 features software for parts counting, dynamic weighing, percent weighing, checkweighing, display hold for large containers and can meet traceability requirements.
- Multiple connectivity capabilities include built-in RS232 bi-directional interface and external input as well as optional RS422/485, second RS232 and AC or DC relay.
- The durable Defender 5000 has a stainless steel platform, form-and-weld frame, column, and indicator bracket, IP67 load cell, as well as an ABS plastic indicator.



Application Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic/Animal Weighing, Display Hold

Display Backlit liquid crystal display (LCD), 3 color checkweighing LEDs

Operation Power cord (included) or 6 C (LR14) batteries (not included) or rechargeable battery (accessory sold separately)

Communication Easy access communication port including RS232 (included) and 2nd RS232 or RS422/RS485 (accessories sold separately). GLP/GMP data output with real-time clock.

Construction ABS plastic indicator with reversible rear cover and painted steel column and wall bracket, 304 grade stainless steel platform with black polyurethane painted steel form-and-weld frame, IP67 aluminum load cell, non-slip adjustable rubber feet

Design Features User-configurable resolution up to 15,000d/5,000e, 150% overload capacity protection, OIML Approved, NTEP Certified and Measurement Canada Approved

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|------------|-----------------|----------------|-------------------------------------|-------------------------------------|----------|-----------|
| D51P10QR1 | 25 lb / 10 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 12 in x 12 in / 305 mm x 305 mm | 80501154 | |
| D51P15HR1 | 30 lb / 15 kg | | 0.01 lb / 5 g | 14 in x 12 in / 355 mm x 305 mm | 80500511 | |
| D51P25QR1 | 50 lb / 25 kg | 0.005 lb / 2 g | 0.02 lb / 10 g | 12 in x 12 in / 305 mm x 305 mm | 80501155 | |
| D51P30HR1 | 60 lb / 30 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80500512 | |
| D51P50QL2 | 100 lb / 50 kg | 0.01 lb / 5 g | 0.05 lb / 20 g | 18 in x 18 in / 457 mm x 457 mm | 80501156 | |
| D51P60HR1 | 150 lb / 60 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80500513 | |
| D51P60HL2 | | | 19.7 in x 15.7 in / 500 mm x 400 mm | 80500514 | | |
| D51P100QL2 | 200 lb / 100 kg | 0.02 lb / 10 g | 0.1 lb / 50 g | 18 in x 18 in / 457 mm x 457 mm | 80501157 | |
| D51P150HX2 | 300 lb / 150 kg | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80251833 | |
| D51P100HL2 | 200 lb / 100 kg | 0.05 lb / 20 g | 0.2 lb / 100 g | 19.7 in x 15.7 in / 500 mm x 400 mm | 80500515 | |
| D51P250QX2 | 500 lb / 250 kg | | | 24 in x 24 in / 610 mm x 610 mm | 80501158 | |
| D51P300HX2 | 600 lb / 300 kg | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80500516 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Foot Switch Kit, CKW D51 D71. | 71173378 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Cable, SF42-AV DV MB Ranger | 80500571 | |

| Accessories | Item No. | Price USD |
|------------------------------------|----------|-----------|
| Relay Kit, AC, T51 T71 | 80500720 | |
| Base Mount Kit, Painted, T51P T71P | 80500722 | |
| Relay Kit, DC, T51 T71 | 80500727 | |
| Rechargeable Battery Kit, T51 T71 | 80500729 | |
| RS422/485 Kit, T51 T71 | 80500731 | |
| RS232 Kit, T51 T71 | 80500733 | |
| Software, Winwedge | 80850080 | |

| | | | | | | | | | | | | | | |
|----------------|--------------|------------------|----------------|-----------------|---------------|-----------------------|----------------|-----------------------|-------------------------------|----------------------|------------------|---------------------|-----------------------------|----------------|
| Checkweighing | Display Hold | Dynamic Weighing | Parts Counting | Audible Alerts | Auto Shut-Off | Backlight | Battery Power | Environmental Filters | External Analog Base Input | GLP Data Output | GMP/GLP | Time/Date | LED Checkweighing Indicator | NTEP Certified |
| Gross/Net/Tare | Totalization | Percent Weighing | Weighing | Level Indicator | Leveling Feet | Low Battery Indicator | Multi-Language | Overload Protection | Overload/Underload Indicators | Rechargeable Battery | Software Lockout | Stability Indicator | Measurement Canada Approved | |

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Defender® 5000 Low Profile

Smart Functionality and Durability for Industrial Applications!



- Applications including dynamic weighing and checkweighing
- Defender 5000 offers multiple weighing modes including counting, percent weighing, dynamic/ animal weighing and checkweighing to meet the needs of various applications and industries.
- Includes an internal power supply with universal line cord or can be powered by 6 C (LR14) batteries for up to 80 hours.

- Application** Weighing, Dynamic Weighing, Parts Counting, CheckWeighing, Percent Weighing, Display Hold
- Display** Liquid Crystal Display (LCD) with white LED backlight plus 3 color checkweigh LED
- Operation** Internal Universal Power Supply, 6 x C (LR14) Batteries (Not Included) or Optional Internal NiMH Rechargeable Battery
- Communication** RS232 (Included), 2nd RS232 (Available as an Accessory), RS422/485 (Available as an Accessory)
- Construction** ABS indicator, 304 stainless steel platform, black polyurethane painted steel form- and weld frame, IP67 aluminium load cell, base mount bracket included
- Design Features** Platform with 5 or 6 point overload stops for 150% safe overload protection, NTEP & MC ratings sentence

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|------------|-----------------|----------------|-----------------------|-------------------------------------|-------------------------------------|-----------|
| D51P10QR5 | 25 lb / 10 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 12 in x 12 in / 305 mm x 305 mm | 80501164 | |
| D51P15HR5 | 30 lb / 15 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80500799 | |
| D51P25QR5 | 50 lb / 25 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 12 in x 12 in / 305 mm x 305 mm | 80501165 | |
| D51P30HR5 | 60 lb / 30 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80500800 | |
| D51P50QL5 | 100 lb / 50 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 18 in x 18 in / 457 mm x 457 mm | 80501166 | |
| D51P60HR5 | 150 lb / 60 kg | | | 14 in x 12 in / 355 mm x 305 mm | 80500801 | |
| D51P60HL5 | | | 0.05 lb / 20 g | 19.7 in x 15.7 in / 500 mm x 400 mm | 80500802 | |
| D51P100QL5 | 200 lb / 100 kg | 0.02 lb / 10 g | 0.1 lb / 50 g | 18 in x 18 in / 457 mm x 457 mm | 80501167 | |
| D51P100HL5 | | | | | 19.7 in x 15.7 in / 500 mm x 400 mm | 80500803 |
| D51P150HX5 | 300 lb / 150 kg | 0.05 lb / 20 g | 0.2 lb / 100 g | 21.7 in x 16.5 in / 550 mm x 420 mm | 80500804 | |
| D51P250QX5 | 500 lb / 250 kg | | | 24 in x 24 in / 610 mm x 610 mm | 80501168 | |
| D51P300HX5 | 600 lb / 300 kg | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80500805 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Relay Kit, AC, T51 T71 | 80500720 | |
| Base Mount Kit, Painted, T51P T71P | 80500722 | |

| Accessories | Item No. | Price USD |
|-----------------------------------|----------|-----------|
| Relay Kit, DC, T51 T71 | 80500727 | |
| Rechargeable Battery Kit, T51 T71 | 80500729 | |
| RS422/485 Kit, T51 T71 | 80500731 | |
| RS232 Kit, T51 T71 | 80500733 | |
| Software, Winwedge | 80850080 | |

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| | | | | | | | | | | | | | | |
|----------------|--------------|------------------|----------------|-----------------|---------------|-----------------------|----------------|-----------------------|-------------------------------|----------------------|------------------|---------------------|------------------------------|----------------|
| Check-weighing | Display Hold | Dynamic Weighing | Parts Counting | Audible Alerts | Auto Shut-Off | Backlight | Battery Power | Environmental Filters | External Analog Base Input | GLP Data Output | GMP/GLP | Time/Date | LED Check-weighing Indicator | NTEP Certified |
| Gross/Net/Tare | Totalization | Percent Weighing | Weighing | Level Indicator | Leveling Feet | Low Battery Indicator | Multi-Language | Overload Protection | Overload/Underload Indicators | Rechargeable Battery | Software Lockout | Stability Indicator | Measurement Canada Approved | |

Defender® 3000 Stainless Steel

Economical Stainless Steel Bench Scales for Basic Industrial Washdown Applications

- The NEMA 4X/IP65 stainless steel indicator can endure tough industrial elements while the internal rechargeable battery powers operation for 58 hours.
- The tough Defender 3000 has a stainless steel platform, stainless steel tubular frame, column and indicator bracket, IP67 stainless steel load cell.
- Simple operation, an easy-to-read display and even basic counting mode round out this industrial indicator, making it ideal for everyday basic industrial use.

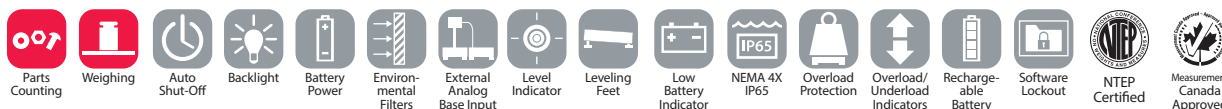


- Application** Weighing, Parts Counting
- Display** Backlit liquid crystal display (LCD)
- Operation** Power cord (included) or rechargeable battery (included)
- Communication** Easy access communication port with RS232 interface (included)
- Construction** IP65 stainless steel indicator with hinged front cover and eye bolt mounting holes, stainless steel column and wall bracket, 304 grade stainless steel platform with steel tubular frame, IP67 stainless steel load cell
- Design Features** 125% overload protection

| Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|------------|-------------------|-------------------------------------|----------------|-----------------------|-------------------------------------|----------|-----------|
| D32XW30VR | IP65; NEMA 4X | 60 lb / 30 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 14 in x 12 in / 355 mm x 305 mm | 83999817 | |
| D32XW60VR | | 150 lb / 60 kg | 0.02 lb / 10 g | 0.05 lb / 20 g | 14 in x 12 in / 355 mm x 305 mm | 83999818 | |
| D32XW60VL | | 21.7 in x 16.5 in / 550 mm x 420 mm | 83999819 | | | | |
| D32XW150VL | | 300 lb / 150 kg | 0.05 lb / 20 g | 0.1 lb / 50 g | 21.7 in x 16.5 in / 550 mm x 420 mm | 83999820 | |
| D32XW150VX | | 25.6 in x 19.7 in / 650 mm x 500 mm | 83999821 | | | | |
| D32XW300VX | | 600 lb / 300 kg | 0.1 lb / 50 g | 0.2 lb / 100 g | 25.6 in x 19.7 in / 650 mm x 500 mm | 83999822 | |

| Accessories | Item No. | Price USD |
|-------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, CKW TxxXW | 80500552 | |
| Software, Winwedge | 80850080 | |

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Defender® 3000

Economical Bench Scales for Basic Industrial Applications

- Defender 3000 is OIML approved, NTEP certified, and Measurement Canada approved for use in all legal-for-trade applications.
- The durable Defender 3000 has a 304 stainless steel platform, aluminum IP67 load cell, as well as a painted tubular steel frame, column and indicator bracket.
- The ultra-long-lasting internal rechargeable battery provides operation on a single charge for up to 120 hours, ensuring uninterrupted operation for five straight days.



- Application** Weighing, Parts Counting
- Display** Backlit liquid crystal display (LCD)
- Operation** AC adapter (included) or rechargeable battery (included)
- Communication** Easy access communication port with RS232 interface (included)
- Construction** ABS indicator with reversible rear cover, painted steel column and wall bracket, 304 grade stainless steel platform with painted steel tubular frame, IP67 aluminum load cell, self-adjusting stainless steel feet with removable rubber caps

Design Features 125% overload protection

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-----------|-----------------|----------------|-----------------------|-------------------------------------|----------|-----------|
| D31P30BR | 60 lb / 30 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 14 in x 12 in / 355 mm x 305 mm | 83998111 | |
| D31P60BR | 150 lb / 60 kg | 0.02 lb / 10 g | 0.05 lb / 20 g | 14 in x 12 in / 355 mm x 305 mm | 83998112 | |
| D31P60BL | | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 83998113 | |
| D31P150BL | 300 lb / 150 kg | 0.05 lb / 20 g | 0.1 lb / 50 g | 21.7 in x 16.5 in / 550 mm x 420 mm | 83998114 | |
| D31P150BX | | | | 25.6 in x 19.7 in / 650 mm x 500 mm | 83998115 | |
| D31P300BX | 600 lb / 300 kg | 0.1 lb / 50 g | 0.2 lb / 100 g | 25.6 in x 19.7 in / 650 mm x 500 mm | 83998116 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Software, Winwedge | 80850080 | |

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ES Series

Multipurpose Low Profile Shipping Scale.

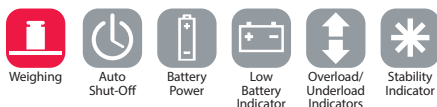
- With different size low-profile platforms, there are ES scales that can accommodate weighing loads of different shapes and sizes.
- The three-way mounting bracket allows you to mount the indicator to the scale base, above the scale platform, or on any vertical surface for maximum flexibility.
- The sturdy and durable ES has a stainless steel platform and painted steel frame.

- Display** Liquid crystal display (LCD)
- Operation** AC adapter (included) or 6 AA batteries (not included)
- Construction** ABS indicator, stainless steel platform, painted steel frame, 3 way mounting bracket
- Design Features** Auto-zero tracking, auto shut-off



| Model | Capacity | Readability | Platform Size | Item No. | Price USD |
|--------|-----------------|---------------------|-------------------------------------|----------|-----------|
| ES6R | 13 lb / 6 kg | 0.005 lb / 0.002 kg | 12.2 in x 10.8 in / 310 mm x 270 mm | 71138830 | |
| ES30R | 66 lb / 30 kg | 0.05 lb / 0.01 kg | 12.2 in x 10.8 in / 310 mm x 270 mm | 71138831 | |
| ES50R | 110 lb / 50 kg | 0.05 lb / 0.02 kg | 12.2 in x 10.8 in / 310 mm x 270 mm | 71138832 | |
| ES50L | | | 20.5 in x 15.7 in / 520 mm x 400 mm | 71138833 | |
| ES100L | 220 lb / 100 kg | 0.1 lb / 0.05 kg | 20.5 in x 15.7 in / 520 mm x 400 mm | 71138834 | |
| ES200L | 440 lb / 200 kg | 0.2 lb / 0.1 kg | 20.5 in x 15.7 in / 520 mm x 400 mm | 71138835 | |

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Bench Scales

SD Series

Rugged Economical Shipping Scales.

- The SD is available in three capacities of 35kg, 75kg and 200kg and two platform sizes to meet the weighing needs of jobs of different physical sizes and capacities.
- SD's painted steel platform and frame provides sturdy support for all materials placed on the platform.
- SD not only provides accurate general weight determination but also has the software to support dynamic/animal weighing and display hold.

Application Weighing, Animal/Dynamic Weighing, Display Hold

Display Liquid crystal display (LCD)

Operation AC adapter (included) or 3 C (LR14) batteries (not included)

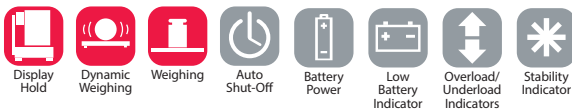
Construction ABS indicator, painted steel base, raised, embossed tread platform (non-L models), rubber feet (adjustable on L models), mounting brackets, transportation handle, extendable coiled cable

Design Features Transportation handle on packaging (non-L models)



| Model | Capacity | Readability | Platform Size | Item No. | Price USD |
|--------|-----------------|-------------------|-------------------------------------|----------|-----------|
| SD35 | 77 lb / 35 kg | 0.05 lb / 0.02 kg | 12.4 in x 11 in / 316 mm x 280 mm | 83998234 | |
| SD75 | 165 lb / 75 kg | 0.1 lb / 0.05 kg | 12.4 in x 11 in / 316 mm x 280 mm | 83998235 | |
| SD75L | | | 20.5 in x 15.7 in / 520 mm x 400 mm | 83998236 | |
| SD200 | 440 lb / 200 kg | 0.2 lb / 0.1 kg | 12.4 in x 11 in / 316 mm x 280 mm | 83998237 | |
| SD200L | | | 20.5 in x 15.7 in / 520 mm x 400 mm | 83998238 | |

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Ranger® 7000

Simplifying Even the Most Complex Industrial Applications.

- Ten advanced modes simplify complex applications and minimize the need for manual calculations and it can also control peripheral devices and/or a scale platform with option kit.
- With one second stabilization time, up to 350,000d display resolution and legal for trade certifications, Ranger 7000's precision cannot be matched by any scale in its class.
- Ranger 7000 was developed to thrive in rugged and harsh industrial environments. This modular scale was built with IP54 metal housing and sealed metal indicator to ensure durability.

Application Weighing, Parts Counting with Auto Optimization, Percent Weighing, Advanced Checkweighing, Animal/Dynamic Weighing, Display Hold, Filling, Formulation, Differential Weighing, Density Determination

Display 4.3" (109 mm) Full-color WQVGA graphic display with user-controlled brightness

Operation AC power (included) or rechargeable battery (accessory sold separately)

Communication Easy access communication port including standard USB and RS232 (included) and an optional third port of RS232 or Ethernet (accessories sold separately). GLP/ GMP Data Output with Real Time Clock. Data Transfer Function.

Construction Modular design, die-cast housing, removable stainless steel platform, integral weigh below hook, menu lock switch, level indicator

Design Features Checkweighing lights with selectable operation and audible signal settings, several selectable operating languages, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable brightness settings, auto



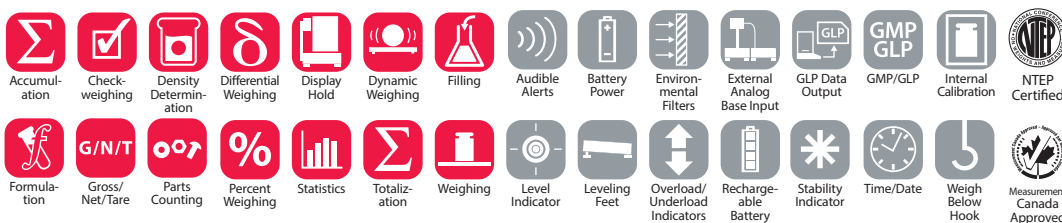
| Model | InCal™ | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|---------|--------|----------------|--------------------|-----------------------|-------------------------------------|----------|-----------|
| R71MD3 | | 6 lb / 3 kg | 0.0001 lb / 0.05 g | 0.001 lb / 0.5 g | 11 in x 11 in / 280 mm x 280 mm | 30070289 | |
| R71MD6 | | 15 lb / 6 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 11 in x 11 in / 280 mm x 280 mm | 30070310 | |
| R71MD15 | | 30 lb / 15 kg | 0.0005 lb / 0.2 g | 0.005 lb / 2 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30070311 | |
| R71MD35 | | 70 lb / 35 kg | 0.001 lb / 0.5 g | 0.01 lb / 5 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30070312 | |
| R71MD60 | | 150 lb / 60 kg | 0.002 lb / 1 g | 0.02 lb / 10 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30212873 | |

| Model | InCal™ | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|----------|--------|---------------|---------------------|-----------------------|-------------------------------------|----------|-----------|
| R71MHD3 | • | 6 lb / 3 kg | 0.00002 lb / 0.01 g | 0.0002 lb / 0.1 g | 9.4 in x 9.4 in / 240 mm x 240 mm | 30088840 | |
| R71MHD6 | • | 15 lb / 6 kg | 0.00005 lb / 0.02 g | 0.0005 lb / 0.2 g | 9.4 in x 9.4 in / 240 mm x 240 mm | 30088841 | |
| R71MHD15 | • | 30 lb / 15 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30088842 | |
| R71MHD35 | • | 70 lb / 35 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30088843 | |

| Accessories | Item No. | Price USD |
|------------------------------------|----------|-----------|
| Ethernet Kit, R31 RC31 R71 V71 | 30037447 | |
| RS232 Kit, R31 RC31 R71 V71 | 30037448 | |
| Rechargeable Battery, EX-HiCap R71 | 30041295 | |
| Printer, Impact, SF40A, AM | 30064203 | |
| Column Kit, Painted, R71 | 30095408 | |

| Accessories | Item No. | Price USD |
|-----------------------------------|----------|-----------|
| PCBA Kit, 2nd Platform, R71 | 30097590 | |
| Discrete I/O Kit, 2-In/4-Out, R71 | 30097591 | |
| Cable, Extension, 9m, R71 | 30101495 | |
| PCBA Kit, Alibi Memory, R71 T71 | 80500503 | |

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Ranger® Count 4000

The Best Value for Durable Industrial Counting

- Sturdy metal housing and slip-resistant rubber feet provide protection and stability necessary for tough industrial weighing while extending the scale's usable life.
- Accurate weighing and counting performance is assured through Ranger Count 4000's 1:1,500,000 internal counting resolution, 30 item library and auto-optimization software that reduces errors and ensures accuracy.
- The combination of SmarText™ software, a centrally located count display and dedicated Sample & Tare keys make Ranger Count 4000 very easy to operate.



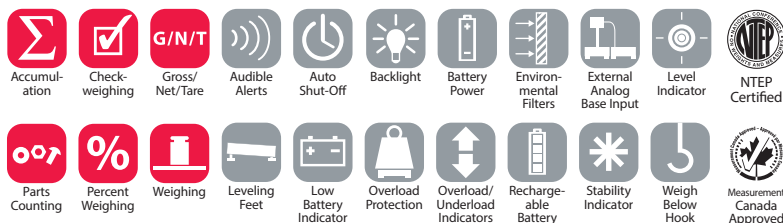
- Application** Weighing, Parts Counting with Auto Optimization, Checkweighing, Accumulation
- Display** 3 window backlit liquid crystal display (LCD), 3 color checkweighing LEDs
- Operation** AC power (included) or rechargeable battery (included)
- Communication** Easy access communication port including standard RS232 (included) and second RS232, USB or Ethernet (accessories sold separately)
- Construction** Rugged Cast Aluminum Housing, Stainless Steel Platform
- Design Features** Cast Aluminum Housing, stainless steel platform, sealed front panel, menu lockswitch, up front level indicator, adjustable leveling feet, selectable environmental and auto-print settings, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, auto tare

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|---------|---------------|-------------------|-----------------------|------------------------------------|----------|-----------|
| RC41M3 | 6 lb / 3 g | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30236779 | |
| RC41M6 | 15 lb / 6 kg | 0.0005 lb / 0.2 g | 0.005 lb / 2 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30236940 | |
| RC41M15 | 30 lb / 15 kg | 0.001 lb / 0.5 g | 0.01 lb / 5 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30236941 | |
| RC41M30 | 60 lb / 30 kg | 0.002 lb / 1 g | 0.02 lb / 10 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30236942 | |

| Accessories | Item No. | Price USD |
|--------------------------------|----------|-----------|
| PCBA Kit, 2nd Platform, RC31 | 30037446 | |
| Ethernet Kit, R31 RC31 R71 V71 | 30037447 | |
| RS232 Kit, R31 RC31 R71 V71 | 30037448 | |
| USB Kit, R31 RC31 V71 | 30037449 | |
| In Use Cover | 30240697 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Software, Winwedge | 80850080 | |

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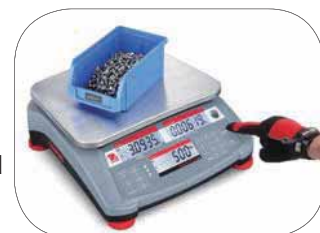
Ranger® Count 3000

Multipurpose Compact Counting Scales for Basic Industrial Applications.

- Accurate weighing and counting performance is assured through Ranger Count 3000's high resolution, 30 item library function and auto-optimization software that reduces errors.
- The 3 backlit LCD displays, including a centrally located count display, along with an easy-to-navigate menu, make Ranger Count 3000 easy to use in multi-step counting operations.
- Ranger Count 3000 produces accurate results within one second and virtually eliminates your wait time and allows you to move at a pace determined by you, not your weighing equipment.



- Application** Weighing, Parts Counting with Auto Optimization, Checkweighing, Accumulation
- Display** 3 window backlit liquid crystal display (LCD), 3 color checkweighing LEDs
- Operation** AC power (included) or rechargeable battery (included)
- Communication** Easy access communication port including standard RS232 (included) and second RS232, USB or Ethernet (accessories sold separately)
- Construction** ABS housing, stainless steel platform, numeric keypad, menu lock switch, up front level indicator, transportation handle
- Design Features** 30 item library, 210 hours of battery life, 3 LED checkweighing lights with selectable operation and audible signal settings, auto tare, selectable environmental and auto-print settings, auto shut-off, optional 2nd scale input



| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-----------|---------------|--------------------|-----------------------|------------------------------------|----------|-----------|
| RC31P1502 | 3 lb / 1.5 kg | 0.0001 lb / 0.05 g | 0.001 lb / 0.5 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031787 | |
| RC31P3 | 6 lb / 3 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031788 | |
| RC31P6 | 15 lb / 6 kg | 0.0005 lb / 0.2 g | 0.005 lb / 2 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031789 | |
| RC31P15 | 30 lb / 15 kg | 0.001 lb / 0.5 g | 0.01 lb / 5 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031790 | |
| RC31P30 | 60 lb / 30 kg | 0.002 lb / 1 g | 0.02 lb / 10 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031791 | |

| Accessories | Item No. | Price USD |
|--------------------------------|----------|-----------|
| PCBA Kit, 2nd Platform, RC31 | 30037446 | |
| Ethernet Kit, R31 RC31 R71 V71 | 30037447 | |
| RS232 Kit, R31 RC31 R71 V71 | 30037448 | |
| USB Kit, R31 RC31 V71 | 30037449 | |
| Hook, R21 RC21 R31 RC31 V71 | 30037450 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| In-Use-Cover, R21 RC21 R31 RC31 | 30037451 | |
| Printer, Impact, SF40A, AM | 30064203 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Carrying Case, TR TC R31 TC31 V71 | 80850084 | |

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Accumulation

Checkweighing

Gross/Net/Tare

Parts Counting

Auto Shut-Off

Backlight

Battery Power

Environmental Filters

Level Indicator

Leveling Feet

NTEP Certified

Percent Weighing

Weighing

Low Battery Indicator

Overload/Underload Indicators

Rechargeable Battery

Stability Indicator

Weigh Below Hook

Measurement Canada Approved

Compact Bench Scales

Ranger® 7000

Simplifying Even the Most Complex Industrial Applications.

- Ten advanced modes simplify complex applications and minimize the need for manual calculations and it can also control peripheral devices and/or a scale platform with option kit.
- With one second stabilization time, up to 350,000d display resolution and legal for trade certifications, Ranger 7000's precision cannot be matched by any scale in its class.
- Ranger 7000 was developed to thrive in rugged and harsh industrial environments. This modular scale was built with IP54 metal housing and sealed metal indicator to ensure durability.

Application Weighing, Parts Counting with Auto Optimization, Percent Weighing, Advanced Checkweighing, Animal/Dynamic Weighing, Display Hold, Filling, Formulation, Differential Weighing, Density Determination

Display 4.3" (109 mm) Full-color WQVGA graphic display with user-controlled brightness

Operation AC power (included) or rechargeable battery (accessory sold separately)

Communication Easy access communication port including standard USB and RS232 (included) and an optional third port of RS232 or Ethernet (accessories sold separately). GLP/ GMP Data Output with Real Time Clock. Data Transfer Function.

Construction Modular design, die-cast housing, removable stainless steel platform, integral weigh below hook, menu lock switch, level indicator

Design Features Checkweighing lights with selectable operation and audible signal settings, several selectable operating languages, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable brightness settings, auto



| Model | InCal™ | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|---------|--------|----------------|--------------------|-----------------------|-------------------------------------|----------|-----------|
| R71MD3 | | 6 lb / 3 kg | 0.0001 lb / 0.05 g | 0.001 lb / 0.5 g | 11 in x 11 in / 280 mm x 280 mm | 30070289 | |
| R71MD6 | | 15 lb / 6 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 11 in x 11 in / 280 mm x 280 mm | 30070310 | |
| R71MD15 | | 30 lb / 15 kg | 0.0005 lb / 0.2 g | 0.005 lb / 2 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30070311 | |
| R71MD35 | | 70 lb / 35 kg | 0.001 lb / 0.5 g | 0.01 lb / 5 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30070312 | |
| R71MD60 | | 150 lb / 60 kg | 0.002 lb / 1 g | 0.02 lb / 10 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30212873 | |

| Model | InCal™ | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|----------|--------|---------------|---------------------|-----------------------|-------------------------------------|----------|-----------|
| R71MHD3 | • | 6 lb / 3 kg | 0.00002 lb / 0.01 g | 0.0002 lb / 0.1 g | 9.4 in x 9.4 in / 240 mm x 240 mm | 30088840 | |
| R71MHD6 | • | 15 lb / 6 kg | 0.00005 lb / 0.02 g | 0.0005 lb / 0.2 g | 9.4 in x 9.4 in / 240 mm x 240 mm | 30088841 | |
| R71MHD15 | • | 30 lb / 15 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30088842 | |
| R71MHD35 | • | 70 lb / 35 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 12.2 in x 14.8 in / 311 mm x 377 mm | 30088843 | |

| Accessories | Item No. | Price USD |
|------------------------------------|----------|-----------|
| Ethernet Kit, R31 RC31 R71 V71 | 30037447 | |
| RS232 Kit, R31 RC31 R71 V71 | 30037448 | |
| Rechargeable Battery, EX-HiCap R71 | 30041295 | |
| Printer, Impact, SF40A, AM | 30064203 | |
| Column Kit, Painted, R71 | 30095408 | |

| Accessories | Item No. | Price USD |
|-----------------------------------|----------|-----------|
| PCBA Kit, 2nd Platform, R71 | 30097590 | |
| Discrete I/O Kit, 2-In/4-Out, R71 | 30097591 | |
| Cable, Extension, 9m, R71 | 30101495 | |
| PCBA Kit, Alibi Memory, R71 T71 | 80500503 | |

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| | | | | | | | | | | | | | | |
|--------------|----------------|-----------------------|-----------------------|--------------|------------------|----------|----------------|-------------------------------|-----------------------|---------------------|-----------|----------------------|-----------------------------|----------------|
| Accumulation | Checkweighing | Density Determination | Differential Weighing | Display Hold | Dynamic Weighing | Filling | Audible Alerts | Battery Power | Environmental Filters | GLP Data Output | GMP/GLP | Internal Calibration | Level Indicator | NTEP Certified |
| Formulation | Gross/Net/Tare | Parts Counting | Percent Weighing | Statistics | Totalization | Weighing | Leveling Feet | Overload/Underload Indicators | Rechargeable Battery | Stability Indicator | Time/Date | Weigh Below Hook | Measurement Canada Approved | |

Ranger® 4000

The Best Value for Durable Industrial Weighing

- Sturdy metal housing and slip-resistant rubber feet provide protection and stability necessary for tough industrial weighing, while extending the product's usable life.
- The largest, white LED display on any scale in its class, combined with checkweighing LEDs and audible indicators, make Ranger 4000 highly functional in loud and dim industrial settings.
- Spend time on your work, not on mastering the technicalities of the scale. SmarText™ software makes scale setup and use very simple.



- Application** Weighing, Parts Counting, Checkweighing, Percent Weighing, Animal/Dynamic Weighing, Display Hold, Accumulation
- Display** Light-emitting diode display (LED), 3 color checkweighing LEDs
- Operation** AC power (included) or rechargeable battery (included)
- Communication** Easy access communication port including standard RS232 (included) and second RS232, USB or Ethernet (accessories sold separately)
- Construction** Rugged Cast Aluminum Housing, Stainless Steel Platform
- Design Features** Cast aluminum housing, stainless steel platform, integral weigh-below hook, sealed front panel, menu lock switch, up front level indicator, adjustable leveling feet, selectable environmental and auto-print settings, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, auto tare

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|---------|---------------|-------------------|-----------------------|------------------------------------|----------|-----------|
| R41ME3 | 6 lb / 3 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30236775 | |
| R41ME6 | 15 lb / 6 kg | 0.0005 lb / 0.2 g | 0.005 lb / 2 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30236776 | |
| R41ME15 | 30 lb / 15 kg | 0.001 lb / 0.5 g | 0.01 lb / 5 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30236777 | |
| R41ME30 | 60 lb / 30 kg | 0.002 lb / 1 g | 0.02 lb / 10 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30236778 | |

| Accessories | Item No. | Price USD |
|--------------------------------|----------|-----------|
| PCBA Kit, 2nd Platform, RC31 | 30037446 | |
| Ethernet Kit, R31 RC31 R71 V71 | 30037447 | |
| RS232 Kit, R31 RC31 R71 V71 | 30037448 | |
| USB Kit, R31 RC31 V71 | 30037449 | |
| In Use Cover missing | 30240697 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Software, Winwedge | 80850080 | |

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| | | | | | | | | | | | |
|----------------|----------------|------------------|------------------|----------------|-----------------------|-------------------------------|----------------------|-----------------------|----------------------------|-----------------------------|----------------|
| Accumulation | Checkweighing | Display Hold | Dynamic Weighing | Audible Alerts | Auto Shut-Off | Backlight | Battery Power | Environmental Filters | External Analog Base Input | Level Indicator | NTEP Certified |
| Gross/Net/Tare | Parts Counting | Percent Weighing | Weighing | Leveling Feet | Low Battery Indicator | Overload/Underload Indicators | Rechargeable Battery | Stability Indicator | Weigh Below Hook | Measurement Canada Approved | |

Compact Bench Scales

Ranger® 3000

Multipurpose Compact Bench Scales for Basic Industrial Applications.

- Ranger 3000 has the largest display in its class and is equipped with checkweighing LEDs and backlit LCD displays which makes it functional in almost any working condition.
- The most user friendly scale on the market with easy setup that ensures your valuable time is not wasted and you're working as proficiently as possible.
- Ranger 3000 produces accurate results within one second, virtually eliminates your wait time, and allows you to move at a pace determined by you, not your weighing equipment.



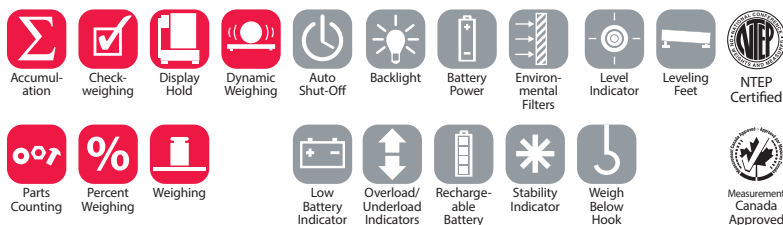
- Application** Weighing, Parts Counting, Checkweighing, Percent Weighing, Animal/Dynamic Weighing, Display Hold, Accumulation
- Display** Backlit liquid crystal display (LCD), 3 color checkweighing LEDs
- Operation** AC power (included) or rechargeable battery (included)
- Communication** Easy access communication port including standard RS232 (included) and second RS232, USB or Ethernet (accessories sold separately)
- Construction** ABS housing, stainless steel platform, menu lock switch, up-front level indicator, integral weigh-below hook, transportation handle
- Design Features** 210 hours of battery life, 3 LED checkweighing lights with selectable operation and audible signal settings, selectable environmental and auto-print settings, auto shut-off, auto tare

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|----------|---------------|--------------------|-----------------------|------------------------------------|----------|-----------|
| R31P1502 | 3 lb / 1.5 kg | 0.0001 lb / 0.05 g | 0.001 lb / 0.5 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031707 | |
| R31P3 | 6 lb / 3 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031708 | |
| R31P6 | 15 lb / 6 kg | 0.0005 lb / 0.2 g | 0.005 lb / 2 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031709 | |
| R31P15 | 30 lb / 15 kg | 0.001 lb / 0.5 g | 0.01 lb / 5 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031710 | |
| R31P30 | 60 lb / 30 kg | 0.002 lb / 1 g | 0.02 lb / 10 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031711 | |

| Accessories | Item No. | Price USD |
|---------------------------------|----------|-----------|
| Ethernet Kit, R31 RC31 R71 V71 | 30037447 | |
| RS232 Kit, R31 RC31 R71 V71 | 30037448 | |
| USB Kit, R31 RC31 V71 | 30037449 | |
| In-Use-Cover, R21 RC21 R31 RC31 | 30037451 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Printer, Thermal, STP-103, US | 80251992 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Carrying Case, TR TC R31 TC31 V71 | 80850084 | |

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Valor® 7000

The Best Compact Food Scale in its Class!

- Front and rear touchless sensors allow Valor 7000 to operate certain functions and its food-safe design is NSF Certified, USDA-AMS Accepted, and supports HACCP-Certified systems
- Large front and rear displays with backlights and checkweighing LEDs are among Valor 7000's features that enhance the user experience and allow two operators to share one scale.
- Valor 7000 produces accurate results within one second to virtually eliminate your wait time and allows you to move at a pace determined by you, not your weighing equipment.



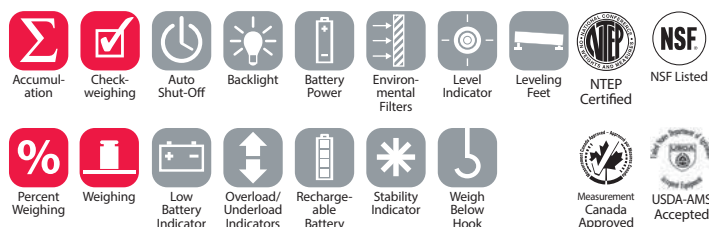
- Application** Weighing, Percent Weighing, Checkweighing, Accumulation
- Display** Dual backlit liquid crystal displays (LCD)
- Operation** AC power (included) or rechargeable battery (included)
- Communication** RS232 (included) or second RS232 or USB or Ethernet (accessories sold separately)
- Construction** ABS housing, stainless steel platform, touchless sensor, transportation handle, menu lock switch, up front level indicator
- Design Features** 210 hours of battery life, 3 LED checkweighing lights with selectable operation and audible signal settings, selectable environmental and auto-print settings, auto shut-off, auto tare

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-----------|---------------|--------------------|-----------------------|------------------------------------|----------|-----------|
| V71P1502T | 3 lb / 1.5 kg | 0.0001 lb / 0.05 g | 0.001 lb / 0.5 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031827 | |
| V71P3T | 6 lb / 3 kg | 0.0002 lb / 0.1 g | 0.002 lb / 1 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031828 | |
| V71P6T | 15 lb / 6 kg | 0.0005 lb / 0.2 g | 0.005 lb / 2 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031829 | |
| V71P15T | 30 lb / 15 kg | 0.001 lb / 0.5 g | 0.01 lb / 5 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031830 | |
| V71P30T | 60 lb / 30 kg | 0.002 lb / 1 g | 0.02 lb / 10 g | 8.9 in x 11.8 in / 225 mm x 300 mm | 30031831 | |

| Accessories | Item No. | Price USD |
|--------------------------------|----------|-----------|
| In-Use-Cover, V71 | 30037445 | |
| Ethernet Kit, R31 RC31 R71 V71 | 30037447 | |
| RS232 Kit, R31 RC31 R71 V71 | 30037448 | |
| USB Kit, R31 RC31 V71 | 30037449 | |
| Hook, R21 RC21 R31 RC31 V71 | 30037450 | |

| Accessories | Item No. | Price USD |
|---------------------------------------|----------|-----------|
| In-Use-Cover, Set(10), V71 | 30037469 | |
| Printer, Impact, SF40A, AM | 30064203 | |
| Cable, RS232, IBM 9P, AV DV MB Ranger | 80500525 | |
| Carrying Case, TR TC R31 TC31 V71 | 80850084 | |

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Compact Bench Scales

FD Series

Speed, Durability and Cleanliness Designed for Food Service Use.

- The fully stainless steel FD is NSF Certified and supports HACCP-Certified systems helping to ensure the integrity and safety of the weighing of all food products.
- With software for general weighing, percent weighing and checkweighing, the FD can be used for a variety of food weighing needs.
- The 120-hour internal rechargeable battery will help ensure that your scale is up and running when you need it, even during long shifts.



- Application** Weighing, Percent Weighing, Checkweighing
- Display** Backlit liquid crystal display (LCD)
- Operation** AC adapter (included) or rechargeable battery (included)
- Construction** Stainless steel housing and platform, up-front level indicator
- Design Features** Manual or automatic tare, audible buzzer alerts, LED checkweighing lights, foot switch (optional)



| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-------|---------------|-------------------|-----------------------|-----------------------------------|----------|-----------|
| FD3H | 6 lb / 3 kg | 0.0002 lb / 0.1 g | — | 8.2 in x 8.2 in / 209 mm x 209 mm | 83998147 | |
| FD6H | 15 lb / 6 kg | 0.001 lb / 0.2 g | | 8.2 in x 8.2 in / 209 mm x 209 mm | 83998148 | |
| FD15H | 30 lb / 15 kg | 0.001 lb / 1 g | | 8.2 in x 8.2 in / 209 mm x 209 mm | 83998149 | |

| Approved Model* | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-----------------|---------------|------------------|-----------------------|-----------------------------------|----------|-----------|
| FD3 | 6 lb / 3 kg | 0.001 lb / 0.5 g | 0.002 lb / 1 g | 8.2 in x 8.2 in / 209 mm x 209 mm | 83998117 | |
| FD6 | 15 lb / 6 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 8.2 in x 8.2 in / 209 mm x 209 mm | 83998118 | |
| FD15 | 30 lb / 15 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 8.2 in x 8.2 in / 209 mm x 209 mm | 83998119 | |

| Accessories | Item No. | Price USD |
|-------------------------|----------|-----------|
| Foot Switch Kit, FD V51 | 71169633 | |
| In-Use-Cover, FD V51 | 80251140 | |
| Pan, SST, Flat, FD V51 | 80251141 | |
| Carrying Case, FD V51 | 80251394 | |

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Valor® 4000

Legal for Trade Food Scale That Enhances Efficiency in Harsh Environments!

- With Legal for Trade certifications and a food-safe design that is NSF Certified, USDA-AMS Accepted and supports HACCP Certified systems, Valor 4000 is ready for demanding applications.
- Touchless sensors combined with a half second stabilization time, as well as checkweighing and percent weighing modes, increase productivity without sacrificing accuracy.
- Safe to use in wet environments, Valor 4000's flow-thru design ensures the scale remains clean and operational, and its knife resistant keypad makes the scale more durable.

- Application** Weighing, Percent Weighing, Checkweighing, Accumulation
- Display** Dual light emitting diode (LED) displays
- Operation** AC adapter (included) or rechargeable battery (included)
- Construction** ABS housing with stainless steel platform (PW), stainless steel housing and platform (XW), illuminated up-front level indicator, rear touchless sensor
- Design Features** Auto-close power jack cover, menu and mode setup navigation prompts on keys, transportation handle



XW Models Feature Stainless Steel Top Housing

| Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-------------|-------------------|---------------|-------------------|-----------------------|-----------------------------------|----------|-----------|
| V41XWE1501T | IPX8 | 3 lb / 1.5 kg | 0.0005 lb / 0.2 g | 0.001 lb / 0.5 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035444 | |
| V41XWE3T | | 6 lb / 3 kg | 0.001 lb / 0.5 g | 0.002 lb / 1 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035445 | |
| V41XWE6T | | 15 lb / 6 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035446 | |
| V41XWE15T | | 30 lb / 15 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035447 | |

PW Models Feature ABS Housing

| Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-------------|-------------------|---------------|-------------------|-----------------------|-----------------------------------|----------|-----------|
| V41PWE1501T | IPX8 | 3 lb / 1.5 kg | 0.0005 lb / 0.2 g | 0.001 lb / 0.5 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035434 | |
| V41PWE3T | | 6 lb / 3 kg | 0.001 lb / 0.5 g | 0.002 lb / 1 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035435 | |
| V41PWE6T | | 15 lb / 6 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035436 | |
| V41PWE15T | | 30 lb / 15 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035437 | |

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Compact Bench Scales

Valor® 3000

Rugged, Full Stainless Steel Design in a High Performance, Portable Scale.

- The stainless steel Valor 3000 Xtreme is NSF Certified and supports HACCP-Certified systems helping to ensure the integrity and safety of all food products weighed on the scale.
- The compact Valor 3000 Xtreme requires minimal counter space and offers resolutions up to 40,000d and 0.01g, providing precise measurements in demanding environments.
- With software for general weighing, percent weighing and specific gravity, the Valor 3000 can be used for a variety of food weighing and measurement needs.

- Application** Weighing, Percent Weighing, Specific Gravity
- Display** Backlit liquid crystal display (LCD)
- Operation** AC adapter (included) or 4 C (LR14) batteries (not included)
- Construction** Stainless steel housing and platform, up-front level indicator, load cell lock
- Design Features** Selectable environmental settings, auto tare, auto shut-off, selectable power-up unit, optional food accessories



| Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|----------|-------------------|------------------|---------------------|-----------------------|-----------------------------------|----------|-----------|
| V31XH202 | Not Applicable | 0.441 lb / 200 g | 0.00005 lb / 0.01 g | — | Ø 4.7 in / Ø 120 mm | 83998130 | |
| V31XW301 | IP65; NEMA 4X | 0.662 lb / 300 g | 0.0005 lb / 0.1 g | | 6.2 in x 5.7 in / 158 mm x 146 mm | 83998134 | |
| V31XH402 | Not Applicable | 0.88 lb / 400 g | 0.00005 lb / 0.01 g | | Ø 4.7 in / Ø 120 mm | 83998178 | |
| V31X501 | | 1.1 lb / 500 g | 0.0005 lb / 0.1 g | | Ø 4.7 in / Ø 120 mm | 83998176 | |
| V31XH2 | | 4.4 lb / 2 kg | | | 6.2 in x 5.7 in / 158 mm x 146 mm | 83998131 | |
| V31X3 | | 6 lb / 3 kg | 0.005 lb / 1 g | | 6.2 in x 5.7 in / 158 mm x 146 mm | 83998132 | |
| V31XH4 | | 8.8 lb / 4 kg | 0.0005 lb / 0.1 g | | 6.2 in x 5.7 in / 158 mm x 146 mm | 83998177 | |
| V31X6 | | 15 lb / 6 kg | 0.005 lb / 1 g | | 6.2 in x 5.7 in / 158 mm x 146 mm | 83998133 | |

| Approved Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|----------------|-------------------|-----------------|------------------|-----------------------|-----------------------------------|----------|-----------|
| V31XW3 | IP65; NEMA 4X | 6 lb / 3 kg | 0.005 lb / 0.5 g | 0.005 lb / 1 g | 6.2 in x 5.7 in / 158 mm x 146 mm | 83998135 | |
| V31X3N | Not Applicable | | | | 6.2 in x 5.7 in / 158 mm x 146 mm | 83999992 | |
| V31X6N | IP65; NEMA 4X | 13.23 lb / 6 kg | 0.005 lb / 1 g | 0.005 lb / 2 g | 6.2 in x 5.7 in / 158 mm x 146 mm | 83999996 | |
| V31XW6 | | 15 lb / 6 kg | | | 6.2 in x 5.7 in / 158 mm x 146 mm | 83998136 | |

| Accessories | Item No. | Price USD |
|----------------------------------|----------|-----------|
| Pan, SST, Sandwich, V31 | 80251147 | |
| Holder, SST, French Fries, V31 | 80251148 | |
| Holder, SST, Ice Cream Cone, V31 | 80251149 | |
| Carrying Case, V31 | 80251216 | |

Need help with selection for your application? Want your NET Pricing? Calibration?

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Valor® 2000

A Rapid-Response Food Scale That Enhances Productivity in Harsh Environments!

- Valor 2000 has a polycarbonate keypad that can endure contact with knives or sharp instruments used daily in demanding food preparation, processing and portioning applications.
- Safe to use in the weighing of liquids and in wet environments, Valor 2000 is NSF Certified and has a flow-thru design that ensures the scale remains clean and operational.
- With less than half a second stabilization time and front and rear LED displays, multiple operators can efficiently utilize one scale for the same job.

- Application** Weighing, Checkweighing (XW only)
- Display** Dual light emitting diode (LED) displays
- Operation** AC adapter (included) or rechargeable battery (included)
- Construction** ABS housing with stainless steel platform (PW), stainless steel housing and platform (XW), up-front level indicator
- Design Features** Auto-close power jack cover, transportation handle



XW Models Feature Stainless Steel Top Housing

| Model | Protection Rating | Capacity | Readability | Platform Size | Item No. | Price USD |
|-------------|-------------------|---------------|-------------------|-----------------------------------|----------|-----------|
| V22XWE1501T | IPX8 | 3 lb / 1.5 kg | 0.0005 lb / 0.2 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035439 | |
| V22XWE3T | | 6 lb / 3 kg | 0.001 lb / 0.5 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035440 | |
| V22XWE6T | | 15 lb / 6 kg | 0.002 lb / 1 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035441 | |
| V22XWE15T | | 30 lb / 15 kg | 0.005 lb / 2 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035442 | |

PW Models Feature ABS Housing

| Model | Protection Rating | Capacity | Readability | Platform Size | Item No. | Price USD |
|-------------|-------------------|---------------|-------------------|-----------------------------------|----------|-----------|
| V22PWE1501T | IPX8 | 3 lb / 1.5 kg | 0.0005 lb / 0.2 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035682 | |
| V22PWE3T | | 6 lb / 3 kg | 0.001 lb / 0.5 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035683 | |
| V22PW6T | | 15 lb / 6 kg | 0.002 lb / 1 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035684 | |
| V22PWE15T | | 30 lb / 15 kg | 0.005 lb / 2 g | 7.5 in x 9.5 in / 190 mm x 242 mm | 30035685 | |

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Compact Bench Scales

Valor® 1000

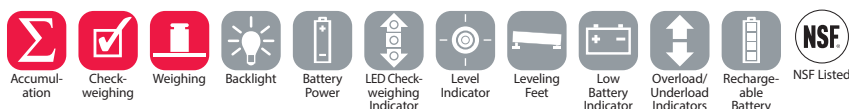
Economical, Multipurpose Weighing!



- Valor 1000 is NSF Certified and supports HACCP-Certified systems helping to ensure the integrity and safety of all food products weighed on the scale.
- With software for general weighing, checkweighing, and accumulation, Valor 1000 can be used for a variety of food weighing and measurement needs.
- An 80-hour internal rechargeable battery provides portability and ensures the scale will be operational when you need it.

- Application** Weighing, Checkweighing, Accumulation
Display Backlit liquid crystal display (LCD)
Operation AC adapter (included) or rechargeable battery (included)
Construction ABS housing, stainless steel platform, up-front level indicator
Design Features External calibration software, selectable environmental settings, selectable weighing units

| Model | Capacity | Readability | Platform Size | Item No. | Price USD |
|---------|---------------|------------------|-----------------------------------|----------|-----------|
| V11P3 | 6.6 lb / 3 kg | 0.001 lb / 0.5 g | 9.9 in x 7.1 in / 250 mm x 180 mm | 83998126 | |
| V11P3T | | | 9.9 in x 7.1 in / 250 mm x 180 mm | 83998172 | |
| V11P6 | 13 lb / 6 kg | 0.002 lb / 1 g | 9.9 in x 7.1 in / 250 mm x 180 mm | 83998127 | |
| V11P6T | | | 9.9 in x 7.1 in / 250 mm x 180 mm | 83998173 | |
| V11P15 | 33 lb / 15 kg | 0.005 lb / 2 g | 9.9 in x 7.1 in / 250 mm x 180 mm | 83998128 | |
| V11P15T | | | 9.9 in x 7.1 in / 250 mm x 180 mm | 83998174 | |
| V11P30 | 66 lb / 30 kg | 0.01 lb / 5 g | 9.9 in x 7.1 in / 250 mm x 180 mm | 83998129 | |
| V11P30T | | | 9.9 in x 7.1 in / 250 mm x 180 mm | 83998175 | |



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Catapult® 1000

Economical Compact Shipping Scales.

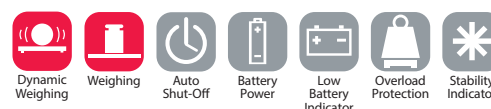
- The sturdy ABS plastic housing and platform with optional stainless steel platform make SD sturdy yet easy to maneuver and fit into your workspace.
- Bring the Catapult 1000 right to your work with the integrated carrying handle and its battery powered operation.
- Catapult 1000 not only provides accurate general weight determination but also has the software to support dynamic/animal weighing and display hold.



- Application** Weighing
Display Liquid crystal display (LCD)
Operation AC adapter (included) or 3 C (LR14) batteries (not included)
Construction ABS housing and platform, stainless steel platform (accessory sold separately), transportation handle
Design Features Low profile, compact design

| Model | Capacity | Readability | Platform Size | Item No. | Price USD |
|--------|----------------|--------------------|-----------------------------------|----------|-----------|
| C11P9 | 20 lb / 9 kg | 0.01 lb / 0.005 kg | 11 in x 12.4 in / 280 mm x 316 mm | 83998137 | |
| C11P20 | 44 lb / 20 kg | 0.02 lb / 0.01 kg | 11 in x 12.4 in / 280 mm x 316 mm | 83998138 | |
| C11P75 | 165 lb / 75 kg | 0.1 lb / 0.05 kg | 11 in x 12.4 in / 280 mm x 316 mm | 83998139 | |

| Accessories | Item No. | Price USD |
|----------------|----------|-----------|
| Pan, SST, C11P | 80251248 | 37 |



CKW55

Advanced Indicators Designed for Checkweighing Applications.

- The CKW features multiple checkweighing options including Positive, Negative, Zero or Net and statistical capabilities to provide accurate results for advanced checkweighing needs.
- With multiple connectivity capabilities both built-in and available as accessories, such as RS232, RS422/485 and AC/DC relays, CKW55 provides multiple ways to record and log data.
- CKW55 is NSF Certified, USDA-AMS accepted, and supports HACCP-certified systems, and is safe for use in food processing applications.



- Application** Weighing, Checkweighing
- Display** Light emitting diode (LED) display, 24 segment traffic light LED bar graph
- Operation** AC power (included) or rechargeable battery (included)
- Communication** Easy access communication port including RS232 interface and external tare input (included) and RS422/485 or AC/DC relay outputs (accessories sold separately)
- Construction** NEMA 4X/IP66 stainless steel housing, numeric keypad, hinged front cover for easy servicing
- Design Features** Simple plug and play installation of accessories, 20,000d and up to 10,000e, 20 part library, 3-color 24-segment bar graph, beeper, and weight display alert checkweighing indications, NSF listed and USDA-AMS accepted, checkweighing target settings for ran

| Model | Protection Rating | Item No. | Price USD |
|-------|-------------------|----------|-----------|
| CKW55 | IP66; NEMA 4X | 80251030 | |

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T72XW

Advanced Performance Stainless Steel Indicator with External Device Control Capabilities



- With a 50,000 displayed resolution and the ability to support up to 10 load cells, T72XW was designed for heavy-duty industrial applications.
- Two available option slots enable a wide range of connectivity interfaces. Control external devices using the discrete I/O interface and transfer data through the serial, USB or Ethernet ports.
- T72XW is very easy to set up and navigate, a vivid graphic display with on-screen prompts and an alphanumeric keypad with designated keys for common functions such as Tare and ID information.

- Application** Weighing, Parts Counting, Checkweighing, Animal / Dynamic Weighing
- Display** Transflective graphic LCD with white backlight, 240 x 96 pixels
- Operation** AC Power (Included)
- Communication** Easy access communication port including RS232 (included), Ethernet and 2nd RS232 or RS485 (accessories sold separately). GLP/GMP data output with real-time clock.
- Construction** IP66/NEMA 4X stainless steel housing and mounting bracket
- Design Features** Check weighing lights with selectable operation and audible signal settings, sealed front panel, five operating languages (English, Spanish, French, German and Italian), selectable environmental and auto-print settings, stability indicator, overload/underload indicators

| Model | Protection Rating | Item No. | Price USD |
|-------|-------------------|----------|-----------|
| T72XW | IP66 | 30126959 | |

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Checkweighing, Dynamic Weighing, Audible Alerts, Auto Shut-Off, Auto Standby, Backlight, Battery Power, Environmental Filters, External Analog Base Input, GMP GLP, NTEP Certified, Parts Counting, Weighing, Low Battery Indicator, Multi-Language, NEMA 4X IP66, Overload/Underload Indicators, Rechargeable Battery, Software Lockout, Stability Indicator, Time/Date, Measurement Canada Approved

T71XW

High Performance Stainless Steel Washdown Indicator for Advanced Applications

- T71XW can support advanced features such as accumulation mode, a 255-item library and optional alibi memory capability, and also has a 1:50,000 maximum displayed resolution.
- This advanced indicator has dual-scale capabilities in which it can display the weights from two platforms and is powerful enough to drive up to 8 - 350 ohm load cells per platform.
- With a full alphanumeric keypad and dual-line display, as well as SmarText™ software that utilizes text prompts to guide users through set up and use, T71XW is simple to operate.



Application Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic/Animal Weighing, Accumulation, Display Hold

Display Backlit liquid crystal display (LCD) with secondary information line, 3 color checkweighing LEDs

Operation Power cord (included) or rechargeable battery (accessory sold separately)

Communication RS232 (included) and 2nd RS232 or RS422/RS485 (accessories sold separately). GLP/GMP data output with real-time clock.

Construction IP66/NEMA 4X stainless steel housing and mounting bracket

Design Features User-configurable resolution 50,000d/10,000e, Alibi memory kit (accessory sold separately), five operating languages, OIML Approved, NTEP Certified and Measurement Canada Approved

| Model | Protection Rating | Item No. | Price USD |
|-------|-------------------|----------|-----------|
| T71XW | IP66; NEMA 4X | 83999839 | |

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Accumulation, Checkweighing, Display Hold, Dynamic Weighing, Audible Alerts, Auto Shut-Off, Auto Standby, Backlight, Battery Power, Environmental Filters, External Analog Base Input, GMP GLP, NTEP Certified, Parts Counting, Percent Weighing, Weighing, Low Battery Indicator, Multi-Language, NEMA 4X IP66, Overload/Underload Indicators, Rechargeable Battery, Software Lockout, Stability Indicator, Time/Date, Measurement Canada Approved

T71P

High Performance Indicator for Advanced Applications

- T71P can support advanced features such as accumulation mode, a 255-item library and optional alibi memory capability, and also has a 1:50,000 maximum displayed resolution.
- This advanced indicator has dual-scale capabilities in which it can display the weights from two platforms and is powerful enough to drive up to 8 - 350 ohm load cells per platform.
- With a full alphanumeric keypad and dual-line display, as well as SmarText™ software that utilizes text prompts to guide users through set up and use, T71P is simple to operate.



- Application** Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic/Animal Weighing, Accumulation, Display Hold
- Display** Backlit liquid crystal display (LCD) with secondary information line, 3 color checkweighing LEDs
- Operation** Power cord (included) or 6 C (LR14) batteries (not included) or rechargeable battery (accessory sold separately)
- Communication** Easy access communication port including RS232 (included) and 2nd RS232 or RS422/RS485 (accessories sold separately). GLP/GMP data output with real-time clock.
- Construction** ABS housing and painted steel mounting bracket, non-slip rubber feet
- Design Features** User-configurable resolution 50,000d/10,000e, Alibi memory kit (accessory sold separately), five operating languages, OIML Approved NTEP Certified and Measurement Canada Approved

| Model | Item No. | Price USD |
|-------|----------|-----------|
| T71P | 83998180 | |

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T51XW

Multifunctional Stainless Steel Washdown Indicator for Standard Industrial Applications



- T51XW features software for parts counting, dynamic weighing, percent weighing, checkweighing, display hold for large containers and can meet traceability requirements.
- Multiple connectivity capabilities include built-in RS232 bi-directional interface and external input as well as optional RS422/485, second RS232 and AC or DC relay.
- The durably-built T51XW NEMA 4X/IP66 stainless steel water resistant indicator has a hinged front cover that opens easily for servicing and installation of the connectivity options.

- Application** Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic/Animal Weighing, Display Hold
- Display** Backlit liquid crystal display (LCD), 3 color checkweighing LEDs
- Operation** Power cord (included) or rechargeable battery (accessory sold separately)
- Communication** Easy access communication port including RS232 (included) and 2nd RS232 or RS422/RS485 (accessories sold separately). GLP/GMP data output with real-time clock.
- Construction** IP66/NEMA 4X stainless steel housing and mounting bracket, four-key membrane keypad, easy-open hinged front cover
- Design Features** User-configurable resolution up to 30,000d/10,000e, OIML Approved, NTEP Certified and Measurement Canada Approved

| Model | Protection Rating | Item No. | Price USD |
|-------|-------------------|----------|-----------|
| T51XW | IP66; NEMA 4X | 83999840 | |

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T51P

Multifunctional ABS Plastic Indicator for Standard Industrial Applications

- T51P features software for parts counting, dynamic weighing, percent weighing, checkweighing, display hold for large containers and can meet traceability requirements.
- Multiple connectivity capabilities include built-in RS232 bi-directional interface and external input as well as optional RS422/485, second RS232 and AC or DC relay.
- The durably-built ABS plastic housing T51P has a reversible rear cover that supplies multiple mounting options, including, wall, column, scale front, or table-top mounting.



- Application** Weighing, Parts Counting, Checkweighing, Dynamic/Animal Weighing, Display Hold, Percent Weighing
- Display** Backlit liquid crystal display (LCD), 3 color checkweighing LEDs
- Operation** Power cord (included) or 6 C (LR14) batteries (not included) or rechargeable battery (accessory sold separately)
- Communication** Easy access communication port including RS232 (included) or RS232 or RS422/RS485 (accessories sold separately). GLP/GMP data output with real-time clock.
- Construction** ABS housing and painted steel mounting bracket, four-key membrane keypad, reversible front cover, non-slip rubber feet
- Design Features** User-configurable resolution up to 30,000d/10,000e, OIML Approved, NTEP Certified and Measurement Canada Approved

| Model | Item No. | Price USD |
|-------|----------|-----------|
| T51P | 83998179 | |

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T32XW

Economical Stainless Steel Washdown Indicator for Basic Industrial Applications

- The NEMA 4X/IP65 stainless steel construction protects the indicator from water damage and a hinged front cover opens up easily, offering instant access for servicing.
- The long-lasting internal rechargeable battery provides continuous operation for up to 58 hours, ensuring uninterrupted operation for more than two straight days.
- Simple operation enhanced by an easy-to-read display and even basic counting mode round out this industrial indicator, making it ideal for everyday basic industrial use.

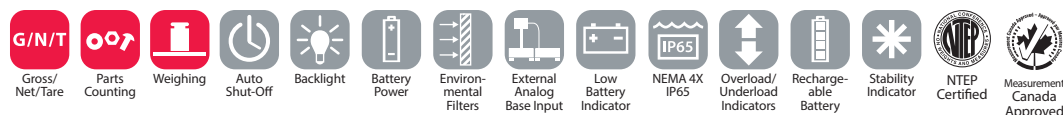


| | |
|------------------------|--|
| Application | Weighing, Parts Counting |
| Display | Backlit liquid crystal display (LCD) |
| Operation | Power cord (included) or rechargeable battery (included) |
| Communication | Easy access communication port including RS232 interface (included) |
| Construction | IP65/NEMA 4X stainless steel housing and mounting bracket, easy-open hinged front cover |
| Design Features | User-configurable resolution up to 20,000d/6,000e, OIML Approved, NTEP Certified and Measurement Canada Approved |

| Model | Protection Rating | Item No. | Price USD |
|-------|-------------------|----------|-----------|
| T32XW | IP65; NEMA 4X | 83999823 | |

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T32M

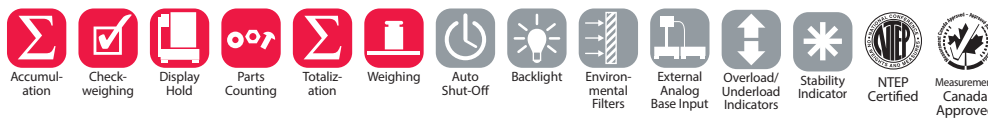
Economical Metal Indicator for Basic Industrial Applications

- T32MC and T32ME are OIML approved, NTEP certified, and Measurement Canada approved for use in all legal-for-trade applications.
- Application modes include weighing, simple parts counting, basic checkweighing, display hold and accumulation of results.
- Constructed of painted steel housing and high-impact ABS faceplate, T32MC and T32ME are highly durable.

- Application** Weighing, Parts Counting, Checkweighing, Accumulation, Display Hold
- Display** T32MC: Backlit liquid crystal display (LCD) T32ME: Light-emitting diode display (LED)
- Operation** AC adapter (included)
- Communication** Easy access communication port including RS232 interface (included)
- Construction** Front ABS/rear painted steel housing and painted steel mounting bracket
- Design Features** User-configurable resolution up to 20,000d/6,000e, OIML Approved, NTEP Certified and Measurement Canada Approved



| Model | Item No. | Price USD |
|-------|----------|-----------|
| T32ME | 83998166 | |
| T32MC | 83998167 | |



T31P

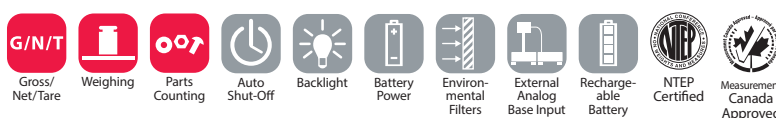
Economical ABS Plastic Indicator for Basic Industrial Applications

- T31P is OIML approved, NTEP certified and Measurement Canada approved for use in all legal-for-trade applications.
- The ultra-long-lasting internal rechargeable battery provides operation on a single charge for up to 120 hours.
- The reversible rear cover offers the flexibility for connected cables to exit above or below the indicator housing.

- Application** Weighing, Parts Counting
- Display** Backlit liquid crystal display (LCD)
- Operation** AC adapter (included) or rechargeable battery (included)
- Communication** Easy access communication port including RS232 interface (included)
- Construction** ABS housing and painted steel mounting bracket, non-slip rubber feet
- Design Features** User-configurable resolution up to 20,000d/6,000e, OIML Approved, NTEP Certified and Measurement Canada Approved



| Model | Item No. | Price USD |
|-------|----------|-----------|
| T31P | 83998110 | |



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CKW Bases

High Quality Washdown Checkweighing Base.

- The CKW base is NSF Certified, USDA-AMS Accepted, and supports HACCP-certified systems, and is safe for use in food processing applications.
- Constructed of IP67 stainless steel, the CKW base is protected from harsh elements and can be thoroughly washed down to ensure cleanliness.
- The external level indicator and adjustable non-slip leveling feet assure that the base is stable and producing accurate results.



Construction 304 grade stainless steel platform with no visible threads, rounded corners, drain holes, extended skirt and open frame, IP67

Design Features No visible threads for conformance to food safety requirements, NSF Certified, USDA-AMS Accepted, and supports HACCP-certified systems

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|--------|---------------|------------------|-----------------------|---------------------------------|----------|-----------|
| CKW3R | 6 lb / 3 kg | 0.001 lb / 0.5 g | 0.002 lb / 1 g | 10 in x 10 in / 254 mm x 254 mm | 80251046 | |
| CKW6R | 15 lb / 6 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 10 in x 10 in / 254 mm x 254 mm | 80251047 | |
| CKW15L | 30 lb / 15 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 12 in x 12 in / 305 mm x 305 mm | 80251048 | |
| CKW30L | 60 lb / 30 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 12 in x 12 in / 305 mm x 305 mm | 80251049 | |



Defender® W Series Stainless Steel Bases

Top Quality Base for Washdown Industrial Weighing.

- The stainless steel form and weld frame and stainless steel platform provide ample support for industrial weighing applications.
- Marked by durability, rigidity and structural integrity, Defender W Series bases are constructed to perform highly in industrial environments.
- Defender W Series bases have resolutions of up to 15,000d to meet the needs of industrial weighing applications that require extreme accuracy.



Construction 304 grade stainless steel platform, stainless steel form-and-weld frame, IP67 stainless steel load cell, level indicator

Design Features 150% capacity overload protection

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|--------|-----------------|----------------|-----------------------|---------------------------------|----------|-----------|
| D10WR | 25 lb / 10 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 12 in x 12 in / 305 mm x 305 mm | 80251925 | |
| D25WR | 50 lb / 25 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 12 in x 12 in / 305 mm x 305 mm | 80251926 | |
| D50WL | 100 lb / 50 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 18 in x 18 in / 457 mm x 457 mm | 80251927 | |
| D100WL | 250 lb / 100 kg | 0.02 lb / 10 g | 0.05 lb / 20 g | 18 in x 18 in / 457 mm x 457 mm | 80251928 | |
| D250WX | 500 lb / 250 kg | 0.05 lb / 20 g | 0.1 lb / 50 g | 24 in x 24 in / 610 mm x 610 mm | 80251929 | |

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Defender® H Series Bases

High Quality Bases For Industrial Environments.

- The black polyurethane painted steel form-and-weld frame and stainless steel platform provides ample support for industrial weighing applications.
- Marked by durability, rigidity and structural integrity, Defender H Series bases are constructed to perform highly in industrial environments.
- Defender H Series bases are high resolution and can meet the needs of industrial weighing applications that require extreme accuracy.



Construction 304 grade stainless steel platform, black polyurethane painted steel form-and-weld frame, IP67 aluminum load cell, level indicator

Design Features 150% capacity overload protection

| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|--------|-----------------|----------------|-----------------------|---------------------------------|----------|-----------|
| D15HR | 30 lb / 15 kg | 0.005 lb / 1 g | 0.01 lb / 5 g | 14 in x 12 in / 355 mm x 305 mm | 80251880 | |
| D30HR | 60 lb / 30 kg | 0.01 lb / 2 g | 0.02 lb / 10 g | 14 in x 12 in / 355 mm x 305 mm | 80251881 | |
| D60HR | 150 lb / 60 kg | 0.02 lb / 5 g | 0.05 lb / 20 g | 14 in x 12 in / 355 mm x 305 mm | 80251882 | |
| D60HL | | | | 16 in x 20 in / 400 mm x 500 mm | 80251883 | |
| D100HL | 250 lb / 100 kg | 0.02 lb / 10 g | | 16 in x 20 in / 400 mm x 500 mm | 80251884 | |
| D150HX | 300 lb / 150 kg | 0.05 lb / 10 g | 0.1 lb / 20 g | 22 in x 17 in / 550 mm x 420 mm | 80251885 | |
| D300HX | 600 lb / 300 kg | 0.1 lb / 50 g | 0.2 lb / 100 g | 22 in x 17 in / 550 mm x 420 mm | 80251886 | |



Defender® Q Series Bases

Top Quality Base for Industrial Weighing.

- A black polyurethane painted steel form-and-weld frame with stainless steel platform provides ample support for industrial weighing applications.
- Marked by durability, rigidity and structural integrity, Defender Q Series bases are constructed to perform highly in industrial environments.
- Defender Q Series bases have resolutions of up to 15,000d to meet the needs of industrial weighing applications that require extreme accuracy.



Construction 304 grade stainless steel platform, painted carbon steel form-and-weld frame, IP67 aluminum load cell, level indicator

Design Features 150% capacity overload protection

| Model | Protection Rating | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|--------|-------------------|-----------------|----------------|-----------------------|---------------------------------|----------|-----------|
| D10QR | IP67 | 25 lb / 10 kg | 0.002 lb / 1 g | 0.005 lb / 2 g | 12 in x 12 in / 305 mm x 305 mm | 80251920 | 653 |
| D25QR | | 50 lb / 25 kg | 0.005 lb / 2 g | 0.01 lb / 5 g | 12 in x 12 in / 305 mm x 305 mm | 80251921 | 734 |
| D50QL | | 100 lb / 50 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 18 in x 18 in / 457 mm x 457 mm | 80251922 | 734 |
| D100QL | | 250 lb / 100 kg | 0.02 lb / 10 g | 0.05 lb / 20 g | 18 in x 18 in / 457 mm x 457 mm | 80251923 | 1010 |
| D250QX | | 500 lb / 250 kg | 0.05 lb / 20 g | 0.1 lb / 50 g | 24 in x 24 in / 610 mm x 610 mm | 80251924 | 1357 |

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Defender® V Series Stainless Steel Bases

Economical Base for Washdown Industrial Weighing.

- The sturdy tubular 304 stainless steel platform provides ample support for industrial weighing applications.
- The IP67 load cells ensure accurate and repeatable results.
- The non-slip adjustable rubber leveling feet provide stability during the weighing process.

Design Features 125% capacity overload protection

Construction 304 grade stainless steel platform, stainless steel tubular frame, IP67 stainless steel load cell, level indicator



| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|--------|-----------------|----------------|-----------------------|-------------------------------------|----------|-----------|
| D30VR | 60 lb / 30 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 14 in x 12 in / 355 mm x 305 mm | 80250539 | |
| D60VR | 150 lb / 60 kg | 0.02 lb / 10 g | 0.05 lb / 20 g | 14 in x 12 in / 355 mm x 305 mm | 80250540 | |
| D60VL | | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80250541 | |
| D150VL | 300 lb / 150 kg | 0.05 lb / 20 g | 0.1 lb / 50 g | 21.7 in x 16.5 in / 550 mm x 420 mm | 80250542 | |
| D150VX | | | | 25.6 in x 19.7 in / 650 mm x 500 mm | 80250543 | |
| D300VX | 600 lb / 300 kg | 0.1 lb / 50 g | 0.2 lb / 100 g | 25.6 in x 19.7 in / 650 mm x 500 mm | 80250544 | |



Defender® B Series Bases

Economical Base for Industrial Weighing.

- The sturdy tubular 304 stainless steel platform provides ample support for industrial weighing applications.
- The IP67 load cells ensure accurate and repeatable results.
- The non-slip adjustable rubber leveling feet provide stability during the weighing process.

Construction 304 grade stainless steel platform, black painted steel tubular frame, IP67 aluminum load cell, level indicator

Design Features 125% capacity overload protection



| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|--------|-----------------|----------------|-----------------------|-------------------------------------|----------|-----------|
| D30BR | 60 lb / 30 kg | 0.01 lb / 5 g | 0.02 lb / 10 g | 14 in x 12 in / 355 mm x 305 mm | 80250479 | |
| D60BR | 150 lb / 60 kg | 0.02 lb / 10 g | 0.05 lb / 20 g | 14 in x 12 in / 355 mm x 305 mm | 80250480 | |
| D60BL | | | | 21.7 in x 16.5 in / 550 mm x 420 mm | 80250481 | |
| D150BL | 300 lb / 150 kg | 0.05 lb / 20 g | 0.1 lb / 50 g | 21.7 in x 16.5 in / 550 mm x 420 mm | 80250482 | |
| D150BX | | | | 25.6 in x 19.7 in / 650 mm x 500 mm | 80250483 | |
| D300BX | 600 lb / 300 kg | 0.1 lb / 50 g | 0.2 lb / 100 g | 25.6 in x 19.7 in / 650 mm x 500 mm | 80250484 | |

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Price Computing Scales

Aviator 7000*

Versatile Counter Top Price Computing Scale for Retail Business

- Quick-response light-touch keyboard with exchangeable preset card and keysheet layers
- Standard alkaline D-cell or rechargeable NiMH batteries plus integrated carry handles for portability
- Multiple connection possibilities - RS232 or USB to POS, RS232 to external printer

- Application** Weighing, Price Computing
- Display** 4-line backlit LCD including 6-digit weight, 6-digit unit price, 7-digit total price and 4-digit preset tare line
- Operation** AC Adapter (Included) or 6 Alkaline (Not included) or 6 NiMH Rechargeable D- cell Batteries (available as an Accessory)
- Communication** RS232 (Available as an Accessory), USB (as an accessory)
- Construction** ABS housing with stainless steel platform
- Design Features** 100 PLU and 24 preset keys plus exchangeable preset card and keysheet layers, adjustable rubber non-slip feet & front level bubble, integrated adapter storage and carry handles



| Model | Capacity | Readability | Certified Readability | Platform Size | Item No. | Price USD |
|-------------|----------------|---------------------|-----------------------|--------------------------------------|----------|-----------|
| A71P15DNUS | 15 lb; 30 lb / | 0.005 lb; 0.01 lb / | 0.005 lb; 0.01 lb / | 9.5 in x 3.3 in / 240 mm x 337 mm | 72248760 | |
| A71P15DTNUS | 6 kg; 15 kg | 2 g; 5 g | 2 g; 5 g | | 72248762 | |
| A71P30DNUS | 30 lb; 60 lb / | 0.01 lb; 0.02 lb / | 0.01 lb; 0.02 lb / | | 72248761 | |
| A71P30DTNUS | 15 kg; 30 kg | 5 g; 10 g | 5 g; 10 g | | 72248763 | |

| Accessories | Item No. | Price USD |
|---|----------|-----------|
| Printer, Impact, SF40A, AM | 30064203 | |
| Rechargeable Battery, x6, NiMH, bRite A71 | 72151831 | |
| SP, Keypad, Silicone, bRite A71 | 72231249 | |
| Keypad White Silicone Pad bRite A71 | 72231250 | 17 |
| Cable, RJ45-RS232, POS, bRite A71 | 72237981 | |
| Cable, RJ45-USB, POS, bRite A71 | 72237984 | 34 |
| Function Keyboard NA 100g OHAUS bLite | 72241852 | 12 |

| Accessories | Item No. | Price USD |
|--|----------|-----------|
| In-Use-Cover, bRite A51 A71 | 72247038 | 26 |
| In-Use-Cover, Pan, bRite A51 A71 | 72247039 | 18 |
| Pan, Rectangle, Deep, bRite A51 A71 | 72247115 | 89 |
| Cable, RJ45-RS232, Printer, bRite A71 | 72249531 | 34 |
| Thermal Printer Head Assy bRite A71 AM | 72253293 | 563 |
| Paper Roll, Printer, bRite A71 | 72255953 | 14 |
| Printer, Thermal, STP-103, US | 80251992 | 563 |

* Available exclusively in U.S.

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