



DEFENDER™ 2500

Bench Scales



For Basic Industrial Applications

The Defender 2500 Series is the affordable solution for weighing applications that require functionality, dependability, and durability. Built to withstand constant use from offices to distribution centers, this scale does not compromise on quality. The Defender 2500 is designed for flexible operation with common industrial weighing modes and power options.

Unique Features:

- Features software for most common industrial weighing modes such as Parts counting, Totalization and Dynamic Weighing/Display Hold, eliminating the need for complicated manual calculations.
- Built for durability, this tough industrial scale features a 304-stainless steel platform, powder-coated steel tubular frame & IP65 aluminum load cell. Indicator features ABS housing & bracket.
- Flexible power solutions to suit your operation needs – Defender 2500 can be used with an AC power adapter, USB type-C or even disposable battery power.



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DEFENDER™ 2500 Bench Scales

Specifications

Certified Model	i-D25P30B2R1-M	i-D25P60B2R1-M	i-D25P60B2L2-M	i-D25P150B2L2-M	i-D25P150B2X2-M	i-D25P300B2X2-M
Capacity × Certified/ Approved Readability	30 × 0,01 kg 30 000 × 10 g	60 × 0,02 kg 60 000 × 20 g	60 × 0,02 kg 60 000 × 20 g	150 × 0,05 kg 150 000 × 50 g	150 × 0,05 kg 150 000 × 50 g	300 × 0,1 kg 300 000 × 100 g
Maximum Certified Resolution	1:3 000					
Indicator	i-DT25P, ABS plastic housing indicator					
Application Modes	Weighing, Counting, Dynamic Weighing / Display Hold, Totalization					
Weighing Units	Kilogram, Gram					
Display	6-digit, 7-segment LCD display with white backlight, 28 mm high digits					
Keyboard	4 mechanical keys					
Auto-zero Tracking	0,5 d					
Zeroing Range	2 % of capacity					
Interface	RS232 & USB Standard					
Power	Standard AC adapter with USB type C cable, detachable (included) or 4 AA batteries (not included)					
Battery Life	70 hours continuous use with backlight off					
Column	500 mm fixed height, stainless steel		700 mm fixed height, stainless steel			
Base Construction	304 stainless steel removable weighing platform, powder-coated steel base frame, IP65 aluminum loadcell silicon sealed against moisture, non-slip rubber leveling feet					
Safe Overload Capacity	150% of maximum capacity					
Stabilization Time	Within 1 second					
Operating Temperature Range	-10 °C to 40 °C					
Scale Dimensions (F1 × F2 × F3 × F4 × F5 × F6) (S1 × S2 × S3 × S4 × S5)	205 × 100 × 300 × 91 × 60 × 220 mm 666 × 458 × 350 × 290 × 51 mm		205 × 100 × 400 × 112 × 60 × 325 mm 871 × 608 × 500 × 435 × 51 mm		205 × 100 × 500 × 146 × 100 × 423 mm 872 × 706 × 600 × 523 × 51 mm	
Shipping Dimensions (L × W × H)	745 × 420 × 185 mm		915 × 515 × 185 mm		1025 × 630 × 190 mm	
Approx. Net Weight	7 kg		11,2 kg		23,1 kg	
Approx. Shipping Weight	8,3 kg		13,5 kg		26,3 kg	

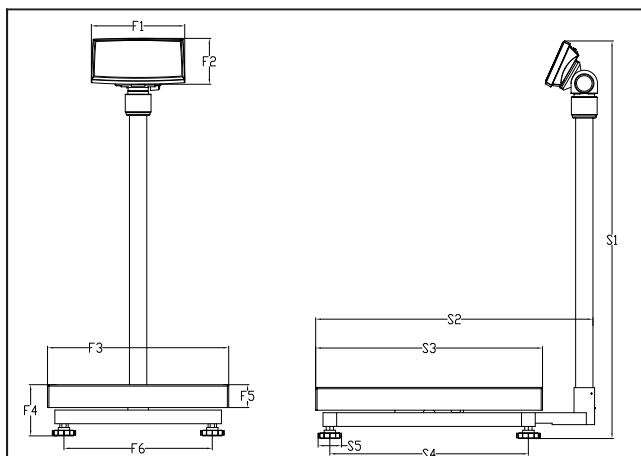
Other Features and Equipment

150% overload capacity protection, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, auto-off, auto tare

Compliance

- **Metrology:** EN45501 (Scale: T12548; Indicator: TC12547; Load Cell: OIML R60/2017-A-NL1-21,19/TC12115; R60/2017-A-NL1-21,20/TC12116; R60/2017-A-NL1-21,21/TC12117)
- **Product Safety:** IEC/EN 61010-1; CAN/CSA C22,2 61010-1; UL61010-1
- **Electromagnetic Compatibility:** IEC/EN 61326-1 Class B, basic environments; FCC Part 15 Class A; Canada ICES-003 Class A
- **Other:** WEEE, RoHS

Outline Dimensions



Accessories

Cable, RS232, Male-to-Female	80500525
DB9 Adapter, Male-to-Male	30692384
Printer, Impact, SF40A (EU)	30064202
Printer, Impact, SF-110B	30708371
Auxiliary Display, AD7-MD	30472063

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The management system governing the manufacture of this product is ISO 9001:2015 certified.

