



DEFENDER™ 3000

Indicators



T32ME (LED Version)



T32MC (LCD Version)

Designed with affordability in mind but with no compromise in performance

The Defender™ 3000 Series - T32M indicators are ideal for general weighing and simple applications in production, packaging, warehouse, inventory, shipping and receiving areas. Designed with a durable plastic face plate and rugged painted metal rear housing, the LED and backlit LCD models offer parts counting, simple checkweighing, dynamic and accumulation functions, display and filtering levels in a dependable, rugged, and affordable indicator for floor-scales to suit various industrial and commercial environments. The Defender 3000 series feature raised positive feedback keys and easy configurability to maximize performance.

Standard Features:

- ABS plastic front panel with painted carbon steel rear housing and mounting bracket
- Large 3-level bright red LED and backlit LCD models with 3-colour over-accept-under checkweighing LED
- Up to 20,000 lb/kg capacity with 20,000d maximum displayed weighing resolution / 6,000e OIML approvable resolution
- Parts counting mode with a minimum Average Piece Weight (APW) of 1d, selectable sample sizes, and automatic retention of last sample size and APW data used
- Built-in bidirectional RS232C for printing or connection to PC

DEFENDER™ 3000 - T32M Indicators

Model	T32MC	T32ME
Construction	ABS plastic front panel with painted carbon steel rear housing; includes painted carbon steel table-wall mount bracket with adjustment knobs	
Weight Display	6-digit, 7-segment LCD 25mm digit height, with high-contrast white LED backlight	6-digit, 7-segment red LED 20mm digit height
Full Scale	Capacity Range 5 to 20,000 kg	
Maximum Displayed Resolution	1:20,000d	
OIML Approvable Resolution	1:6000e	
Minimum Average Piece Weight	1 d	
Weighing Units	kg, lb, g, oz, lb-oz	
Extra Functions/Modes	Parts Counting, Dynamic, Checkweighing, Weight Accumulation	
Checkweigh Display	3-color red-green-yellow Over-Accept-Under LED's	
Keyboard	Four function mechanical switches and raised tactile keys	
Load Cell Excitation / Input Sensitivity	5V DC / up to 3 mV/V (min 1 µV/d)	
Load Cell Drive	Up to four 350Ω load cells	
Stabilization Time	Within 2 seconds	
Auto-zero Tracking	Off, 0.5, 1 or 3 divisions	
Zeroing Range	2% or 100% of capacity	
Span Calibration	5 kg to 100% of capacity	
Interface	RS232	
Operating Temperature Range	-10° C to 40° C	
Power	9-12 VDC, 0.5A, AC adapter	
Enclosure Dimensions (W x D x H)	198 x 46 x 132 mm	
Net Weight	0.7 kg	
Shipping Dimensions (W x D x H)	271 x 234 x 182 mm	
Shipping Weight	1.8 kg	

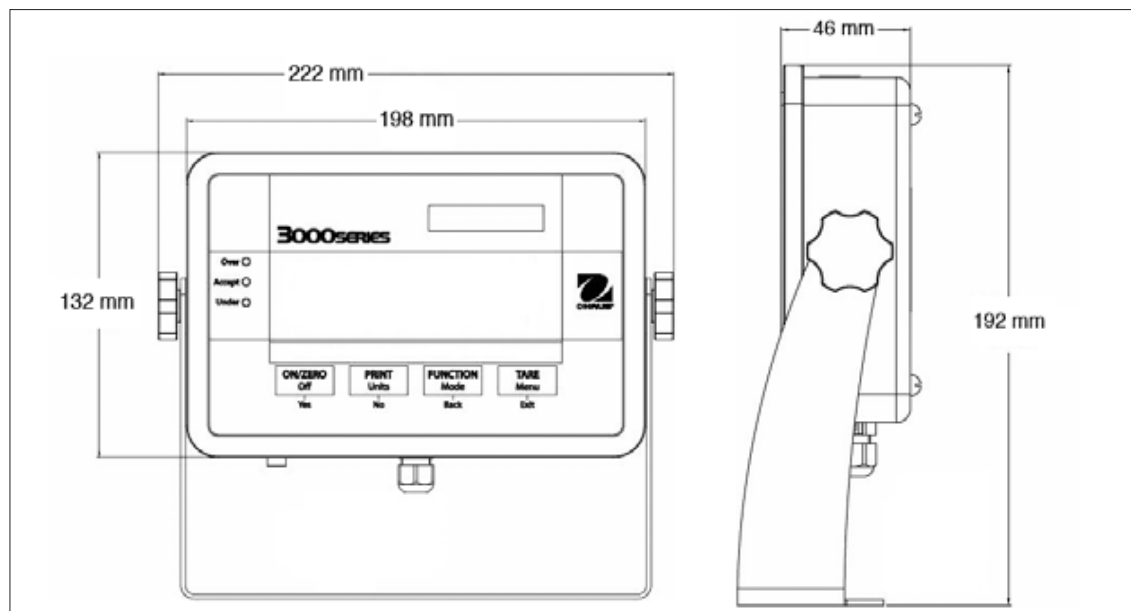
Compliance

- Safety and EMC: EN60950, EN61326, FCC, CE, CULUS
- Legal for Trade: OIML

Accessories

RS232 Cable to PC 9-pin	80500525
Column Adapter, Painted, T31P	72209339
Interface Kit, RS232-USB.....	30304101
Interface Kit, RS232-Ethernet	30304102
Printer SF40A	30064202

Outline Dimensions



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

