OHAUS 3000 Series

Economy Indicators

T32ME (LED version)

T32MC (LCD version)

T31P Indicator shown with optional bracket

T32XW Indicator

Designed With Affordability In Mind For Industrial Applications!

Now available in four models, the OHAUS 3000 Series of Economical Indicators offer software modes for common industrial weighing applications:

- The T31P combines a high-impact ABS housing with a large backlit LCD display, bi-directional RS232 and 120-hour internal rechargeable battery. The T31P features software for weighing and simple parts counting.
- The T32XW replaces the T31XW with the addition of an improved NEMA4X/IP65 washdown all stainless steel housing and a 58-hour internal rechargeable battery. The T32XW also features software for weighing and simple parts counting. Stainless steel mounting bracket included.
- The new T32MC and T32ME versions are designed for floor scale and other installations where internal battery power are not required. Both feature a painted steel housing with high-impact ABS faceplate, bi-directional RS232 and software for weighing, simple parts counting, basic checkweighing, display hold and accumulation of weight results. Painted steel mounting bracket included.

Standard Features Include:

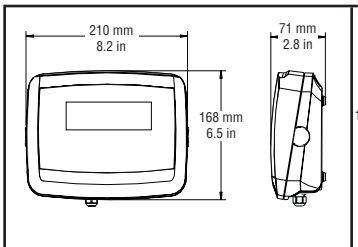
- lb, oz, lb-oz, kg and g weighing units
- Ability to drive up to four 350Ω load cells
- Up to 20,000 lb/kg capacity with 20,000d maximum displayed default weighing resolution
- 6,000d NTEP certified and Measurement Canada approved Legal-for-Trade weighing resolution
- Minimum parts counting average piece weight of 1d
- Built-in bi-directional RS232C for printing or connection to PC
- Adjustable filtering levels to meet the requirements of industrial environments

3000 Series Economy Indicators

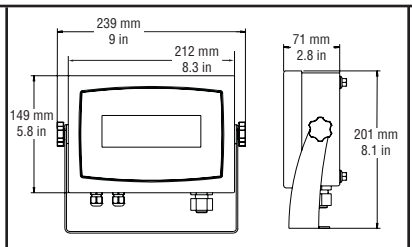
Specifications

Model	T31P	T32XW	T32MC	T32ME
Full Scale Capacity Range	5 to 20,000 lb or kg			
Displayed Resolution	1:20,000 max / 1:6,000 NTEP Certified / Measurement Canada Approved			
Construction	ABS plastic	Stainless steel NEMA 4X/IP65; includes stainless steel table-wall mount bracket	ABS plastic front panel with painted carbon steel rear housing; includes painted carbon steel table-wall mount bracket	
Weight Display	6-digit, 7-segment LCD 1 in. / 25 mm digit height, with high-contrast white LED backlight			6-digit, 7-segment red LED 0.8in / 20mm digit height
Keyboard	4-button mechanical switches, raised tactile keys	4-button membrane switch, raised tactile keys	4-button mechanical switches, raised tactile keys	
Weighing Units	lb, oz, lb-oz, kg, g			
Extra Functions/Modes	Parts Counting		Parts Counting, Display Hold, Checkweighing, Weight Accumulation	
Checkweigh Display	---		3 LED: Red-green-yellow (Over-Accept-Under)	
Minimum Average Piece Weight	1d			
Load Cell Excitation / Input Sensitivity	5V DC / up to 3 mV/V (min 1 µV/d)			
Load Cell Drive	Up to four 350 load cells			
Stabilization Time	Within 2 seconds			
Zeroing Range	2% or 100% of capacity			
Auto-zero Tracking	Off, 0.5, 1 or 3 scale divisions			
Span Calibration	5 lb or 5 kg to 100% capacity			
Interface	Bidirectional RS232C			
Operating Temperature Range	14°F to 104°F / -10°C to 40°C Maximum relative humidity 80 % for temperatures up to 31°C / 88°F, decreasing linearly to 50 % relative humidity at 40°C / 104°F, non condensing			
Power	9 VDC, 0.5A, AC adapter or internal rechargeable, sealed lead-acid battery (100-hour typical operation with full charge)	100-240 VAC / 50-60 Hz, internal power supply or internal rechargeable, sealed lead-acid battery (58-hour typical operation with full charge)	9-12 VDC, 0.5A, external AC adapter	
Enclosure Dimensions (W x D x H)	8.2 x 2.8 x 6.5 in. / 210 x 71 x 168 mm	8.3 x 2.8 x 5.8 in. / 212 x 71 x 149 mm	7.8 x 1.8 x 5.2 in / 198 x 46 x 132 mm	
Net Weight	3.6 lb / 1.6 kg	7.1 lb / 3.2 kg	1.5 lb / 0.7 kg	
Shipping Dimensions (W x D x H)	10.7 x 9.3 x 6.9 in / 272 x 235 x 175 mm	10.7 x 9.2 x 7.2 in / 272 x 234 x 182 mm	10.7 x 9.2 x 7.2 in / 271 x 234 x 182 mm	
Shipping Weight	5.7 lb / 2.6 kg	9.7 lb / 4.4 kg	4.0 lb / 1.8 kg	

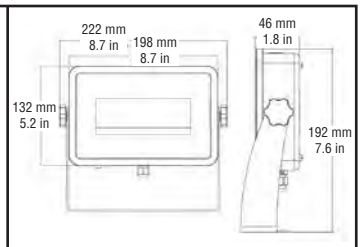
Outline Dimensions



T31P Indicator



T32XW Indicator



T32MC/T32ME Indicator

Accessories

RS232 Interface cables:

To PC 25-pin for T31P, T32MC and T32ME 80500524
To PC 9-pin for T31P, T32MC and T32ME 80500525
To 80252042 printer for T31P, T32MC and T32ME.....80252571
RS232cable and adapter, 80252042 printer to T32XW 80252574
RS232 cable, PC 9 pin to T32XW 80500552
Compact dot matrix impact printer.....80252042

Compliance

- **Safety and EMC:** EN60950, EN61326, FCC, CE, $_{c}UL_{US}$
- **Legal for Trade**: T31P and T32XW: Measurement Canada AM-5713C rev. 1; NTEP 08-066 A1
  T32M and T32XW: Measurement Canada AM-5747C; NTEP 09-090
- **Quality:** OHAUS quality management system registered to ISO 9001:2008

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