



# 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:

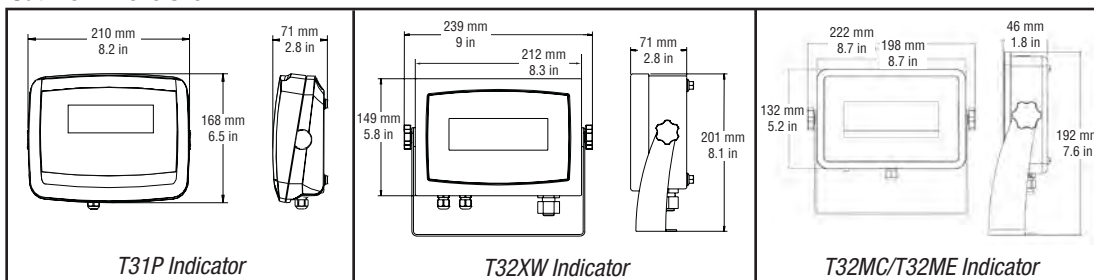
- lb, oz, lb-oz, kg and g weighing units
- Ability to drive up to four 350Ω load cells
- Up to 20,000 lb/kg capacity with 20,000d maximum displayed default weighing resolution
- 6,000d NTEP certified and Measurement Canada approved Legal-for-Trade weighing resolution
- Minimum parts counting average 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 $\mu$ V/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



## 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,  $UL_{US}$
- **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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With offices throughout Europe,  
Asia, and Latin America

## \* ISO 9001

Registered Quality Management System

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