

# 5000 Series Standard Indicators

## Specifications

Indicator Models	T51P	T51XW
Capacity Range	1 to 999,950 kg/lb	
Maximum Displayed Weighing Resolution	1:30,000	
Maximum Displayed Counting Resolution	1:300,000	
Certified/Approved Resolution	1:10,000	
Minimum Average Piece Weight (APW)	0.1d	
Weighing Units	kg, lb, g, oz, lb:oz, metric tonnes, custom unit	
Modes	Static Weighing, Dynamic Weighing, Counting, Checkweighing, Percent Weighing, Display Hold	
Housing	ABS plastic with internal reinforcing ribs	304 stainless steel enclosure
Display	6-digit, 7-segment LCD, 25mm/1 inch high digits, with high-contrast white LED backlight	
Checkweigh Indication	3-color checkweigh LED with configurable beeper signal	
Keypad	4 function membrane switches, raised tactile keys	
Ingress Protection	—	NEMA 4X / IP66
Load Cell Excitation Voltage	5V DC	
Load Cell Drive	Up to 8 x 350 ohm Load Cells	
Load Cell Input Sensitivity	Up to 3 mV/V	
Stabilization Time	Within 2 seconds	
Auto-Zero Tracking	Off, 0.5, 1 or 3d	
Zeroing Range	2% or 100% of capacity	
Span Calibration	1 kg/lb to 100% of capacity	
Interface	Built-in RS232 and External Tare Input included Optional 2nd RS232, RS422/485, AC Relay or DC Relay available	
Overall Dimensions (inc. bracket) (W x D x H)	10.2 x 2.7 x 8.8 in / 260 x 71 x 224 mm	10.3 x 3 x 8.7 in / 262 x 76 x 212 mm
Enclosure Dimensions (W x D x H)	10.2 x 2.7 x 6.6 in / 260 x 71 x 168 mm	10.3 x 3 x 5.8 in / 262 x 76 x 149 mm
Net Weight	3.3 lb / 1.5 kg	7.7 lb / 3.5 kg
Shipping Weight	5.0 lb / 2.3 kg	9.5 lb / 4.3 kg
Shipping Dimensions (W x D x H)	13 x 9.5 x 7 in / 330 x 240 x 180 mm	
Operating Temperature Range	14°F to 104°F / -10°C to 40°C	
Relative Humidity Range	Maximum 80% up to 88°F/31°C, decreasing linearly to 50% at 104°F/40°C	
Power	100-240 VAC / 50-60 Hz Internal universal power supply, line cord 6 'C' cell batteries (not supplied) with 80 hour life Opt. Int. rechargeable NiMH battery (30-hr. typical operation)	100-240 VAC / 50-60 Hz Internal universal power supply, hardwire cord Opt. Int. rechargeable NiMH battery (30-hr. typical operation)

## Features

**T51P:** ABS plastic housing with internal rib reinforcements, reversible rear cover, backlit LCD weight display, checkweighing indication (green, yellow, red), membrane keypad with raised tactile keys, built-in bi-directional RS232 with manual/continuous/interval printing, external tare input, hardware configuration lockout switch, internal switching power supply with line cord and battery power using 6 "C" cell batteries.

**T51XW:** Stainless steel water resistant NEMA 4X / IP66 housing, integral faceplate supports for easy servicing, backlit LCD weight display, checkweighing indication (green, yellow, red), membrane keypad with raised tactile keys, built-in bi-directional RS232 with manual/continuous/interval printing, external tare input, hardware configuration lockout switch, internal switching power supply with hardwired cord.

## Options and Accessories

Internal rechargeable NiMH battery pack, 2nd RS232 interface, RS485/422 interface, AC Relay or DC Relay, column mount kits, scale front mount bracket, interface cables, printer.

## Other Features

Zero point calibration, calibration test, span or linear calibration, selectable auto-zero tracking range, selectable stability range, selectable averaging level, selectable LCD backlight, selectable auto shutoff, retain zero weight data after power-off, Geo gravity adjustment, selectable key beep, key function lock, menu lock, selectable power-on and calibration unit, battery status display, display of gross/net weight, indication of stability, center of zero, over- and underweight, overload and underload conditions. Configuration menus for PRINT1, PRINT2, COM1, COM2, and I/O.

## Compliance

- **Legal-for-Trade:** NTEP (CC No. 08-039), Measurement Canada (Approval No. AM-5687)
- **Safety and EMC:** UL<sub>US</sub> 2005/95/EC low voltage directive: EN60950-1:2001, FCC Part 15 Class A 2004/108/EC EMC directive: EN61326-1:1997; +A1:1998; +A2:2001; +A3>2003
- **Other:** Compliant to Directive 2002/96/EC on waste electrical and electronic equipment (WEEE)
- **Quality:** OHAUS quality management system registered to ISO 9001:2008

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*With offices throughout Europe,  
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