

Platform scales to measure and control your daily operations.

Technical Specification

DESCRIPTION

ZM201 platform / floor scale is a robust, general purpose industrial scale. It can be used in a wide variety of applications including shipping and despatch and incoming stores, including process facilities and shop floors. The easy to read pole-mounted digital display can also be desktop or wall mounted to suit your application.

FEATURES AND BENEFITS

Backlit Display – Seven digit 13mm high, TN backlit, seven segment LCD display suitable for bright sunlight to dimly lit environments. The display is suitable for Pole/Wall/Desk mounting.

Dual Power – Powered by either the NiMH rechargeable battery or via the mains. The scale is equipped with power saving options such as auto power-off and switching backlight off at zero.

Keyboard – Chemical Resistant, suitable for use in harsh environments. Tactile feedback for ease of use.

Low Battery Warning – LED annunciator next to display warns of low battery condition.

Accumulation - Gross and net weight can be accumulated up to 9,999,999.

Checkweighing Mode – Allows a low and high limit to be set or sample mode for +/- 1 div for upper and lower limits. The multi-segment graph shows a quick visual indication of weight acceptability.

Counting Mode – Simple, intuitive operation. Enter number of pieces and place items on the platform to set counting mode.

Batching / Trips - Allows the user to set three setpoint controls for automated mixing and blending.

Peak - Scale captures and displays the maximum stable weight.

Deck Surface - Slip resistant mild steel chequered plate.

Feet - Adjustable feet for levelling.

Approvals – Approved as per Legal Metrology Act.



ZM201 Indicator



Floor Scale

SPECIFICATIONS

Tares

Semi-automatic 100% subtractive tare. Keyboard entered tare and 10 preset tares.

Displays

13mm high 7 digit seven segment TN backlit LCD display.

The LCD display carries icons for gross, net, tare, zero, motion, battery status, OP1, OP2, OP3 and check weighing graph for accept/over/under range, kg, print, trip output and peak.

Controls

Keyboard controls are located on the display housing.

Main Control Functions: Tare; Zero; Print, F1: On/Off; Select.

Additional Control Functionality: Check Weighing; Counting; Batching; Peak; Accumulation.

Real Time Clock: Battery backed with time/date/year (12 or 24 hour format).

Communications

Two RS232 ports
Ethernet - TCP/IP, DHCP, Static IP.

Inputs/Outputs

Trips I/P: Three configurable logic level inputs for zero/tare/print/select.

Trips O/P: Three cutoff, open collector.

Indicator

Patented housing design.

Junction Box

Multicell scale has junction box conforming to IP66, mounted within the platform.

Loadcell

Conforming to OIML / OIML approved C3.

Protection

Indicator: IP66, brushed stainless steel

Loadcell: IP67 for multi-cell scales
IP65 for single-cell scales

Environment

Operating Temperature Range:
-10° C to +45° C

Operating Humidity:
0 to 85% RH (non-condensing)

Electrical Supply

Mains Adaptor: 90-264V AC, 60Hz

Options

Internal Rechargeable Battery:

NiMH rechargeable battery pack providing 14 hours back up for 1/4 cells respectively. 5 hour charging time.

Remote Display

Relay O/P's (220v, 2A)

Ethernet water tight gland

Approvals

Approved as per Accuracy Class III of Legal Metrology Act.

Size	Capacity	Display	Construction	Finish	Options
600 x 500mm	120kg x 20g	Pole Mounted	Mild steel welded structure with loose platform, integral pole, backrail, adjustable feet and spirit level.	Black Powder Coated. Chrome plated pillar and back rail.	<ul style="list-style-type: none"> • Castors • Stainless Steel Cover
600 x 500mm	300kg x 50g				
600 x 600mm	200kg x 50g	Wall / Desk mounted, 5m cable	Mild steel welded structure with slip resistant chequered plate, adjustable feet, spirit level.	Red Epoxy paint	—
600 x 600mm	300kg x 50g				
750x750mm	300kg x 50g				
750x750mm	500kg x 100g				
1200x1200mm	1000kg x 0.2kg		As above. Foundation plates for multi-cell scales are included in supply.		
1500x1500mm	2000kg x 0.5kg				
1500x1500mm	3000kg x 1kg				
1500x1500mm	5000kg x 2kg				
1800x1800mm	5000kg x 2kg				

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