



# Industrial Weighing Systems

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## MSI-3 Digital Display



Mild Steel housing with wall bracket and full numeric keypad for set-point or tare entry.  
 Bright 0.8" / 20 mm high 7-segment red LED display digits with LED lamps to indicate the current status  
 Calibrate in pounds or kilograms with any weight between 1% to 100% of the full scale capacity.  
 Units keypad button selection for kg / lb / oz, Counting function.

Auto zero-tracking (selectable), Two digital inputs, Stability indication, Low battery indication  
 Overload and under-load indication, RS232 bi-directional data interface  
 Supplies current for 8-350 ohm Load Cells, Power Auto Shut-Off option to conserve the battery

Check-Weighing with logic outputs and LED lamps for UNDER, ACCEPT and OVER status indication

- Analog output 4 - 20mA (option) Rechargeable Battery (option)

### SPECIFICATIONS\*

Display Digits	0.8" / 20 mm high, 6 digits 7-segment red LED
Weighing Units	lb (pounds), kg (kilograms), oz (ounces), counting
Internal Resolution	up to 1,000,000 counts
Display Resolution	selectable
Display Division	1,2,5 selectable
Decimal Point	0 to 5 places, selectable
Load Cell Excitation	8 VDC, 8-350 ohm Load Cells
Analog Input Range	from 0.5 mV/V to 3.3 mV/V
Analog Sensitivity	0.5uV/grad min., 1uv/grad recommended
Conversion Rate	30 measures/sec, nominal
Calibration	Push-button software
Overload Limit	102% of selected Display Resolution
Tare Range	to capacity by subtraction
Key Functions	ON/ZERO, UNITS, TARE, GROSS/NET, PRINT, OFF, 0 - 9 numeric
Operating Temperature	-10°C to +40°C (14°F to 104°F)
Power Options	110 VAC 50 Hz with internal power supply (MSS-3 only) AC/DC Adapter 12VDC, 300mA (MSI-3 and MSS-3) Rechargeable Battery Pack (MSI-3 and MSS-3)
Dimensions	9.4" x 6.0" x 3.0"
Shipping Weight	approx. 5lb / 2.3kg
Enclosure	MSI-3: Black Painted steel NEMA 5
Warranty	one year limited warranty
Approvals	Measurement Canada Approval No.: AM-5814 NTEP CoC Number: 11-029