

MSI-9750A CellScale™

RF PORTABLE
DIGITAL INDICATOR



COMPATIBLE WITH:



MSI-6260CS



MSI-9300 / MSI-9300HT



MSI-9000

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MSI-9750A CELLSCALE™

RF PORTABLE DIGITAL INDICATOR



The MSI-9750A portable digital indicator represents a key and versatile member of the CellScale™ product family. The MSI-9750A functions as a full-featured portable RF terminal when networked with other CellScale family products. Operation is simple through an alphanumeric keypad featuring seven control keys and six user programmable keys.

Each MSI-9750A can log on to 64 different CellScale networks to serve multiple scales and sensors throughout plant operations. Enhanced data acquisition, sophisticated data-logging and complete control of multiple scales and sensors are managed through the MSI-9750A. Never before has so much application flexibility been packaged in a portable RF weighing indicator.

Also see specifications for other CellScale components; MSI-9000, MSI-9020, MSI-9850 and MSI-6260CS, MSI-9300, MSI-9300HT crane scales for complete capabilities and solutions provided through CellScale technology.

Specifications

Enclosure:	Rugged molded PVC, O-ring gasketed, NEMA 3 IP54
Dimensions:	4.6 x 10.3 x 2.4 in (117 x 262 x 60.5 mm)
Weight:	2.2 lb (1 kg)
Keypad:	24 keys – 11 key alphanumeric, seven control keys and six user programmable keys. Password protected with lock feature
Display:	1.4 x 2.6 in (36 x 67 mm) backlight LCD capable of 8 lines, 21 characters each. Backlight selectable on, off or automatic. Red/green LED battery charging indicator
Power:	Rechargeable 6-cell NiMH battery pack (AC adapter/battery charger input included)
Operating Time:	Up to 8 hours typical use. Selectable automatic shut off for battery conservation
Operating Temperature:	-4°F to 140°F (-20°C to 60°C)
Radio Link:	FHSS at 2.4 GHz (Up to 64 network selections)
Radio Effective Range:	Typically 500 ft (150 m) indoors, 1000 ft (300 m) outdoors with standard antennas
RF/EMI Shielding:	Exceeds NIST Handbook 44 and CE Standards
Connectors:	Charger input: standard 2.5 mm coaxial; RS-232: standard DB-9 male
Approvals:	NTEP CC 05-077

Standard Features

Scale/Channel Monitoring:	Monitors all scale channels, easy one-button network and/or channel changes. Supports multiple display of CellScale channels (up to eight simultaneously)
Calibration:	Remotely calibrates networked CellScale systems
Real Time Clock:	Supports date/time stamping in USA and European formats
Internal Audible Alarm:	Four unique tones available for both set and reset conditions
Data Logging:	Captures weighment data automatically or manually
Bar Code Scanner Interface:	Permits barcode scanners to connect directly to the MSI-9750A
Data I/O:	One comm port, RS-232. Baud rates 230.4 to 300k. Provides full output formatting to interface with most serial devices
Totalizing, Statistics and Product IDs:	Stored in the master CellScale component and displayed on the MSI-9750A (function key or automatic). Each ID code retains full statistics on totaled loads. Up to 32 alphanumeric product IDs can be accessed and programmed.

Pushbutton Functions

FIXED KEYS:

Power, zero, net/gross, tare, alpha, enter, setup/escape, clear, exit, 0-9

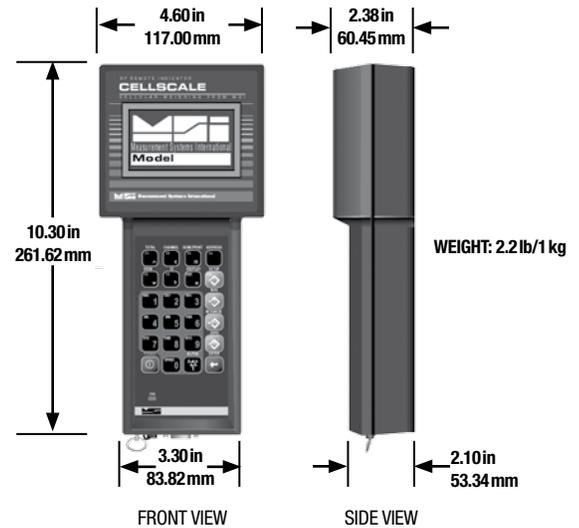
FUNCTION KEYS (6 programmable to any of the following):

Total:	Totalizes loads
Clear Last Total:	Removes last totalized load
Show:	Next channel, last channel, next address, last address, next product ID, last product ID, totals, grand totals (Σ) or statistics
Date and Time:	Displays current date and time
Enter/Edit:	Product ID print strings 1 and 2
Send/Edit Print Strings:	Sends/edits print strings to selectable targets
Change Units:	Changes units of measure
Setpoints:	Controls and programs CellScale Setpoints – 32 setpoints with messaging capability
Peak Hold:	Turns peak hold function “on” or “off”
Key Disabled:	Disables selected function key
Signal Strength Test:	Tests for RF signal strength
Display Test Characters:	Performs display test of all screens
Data-Logging:	Enables automatic or manual data-logging
Barcode Scanner Interface:	Allows user access to barcode strings

Options and Accessories

- NTEP Certified
- Automotive adapter/battery charger input: 12VDC, fused 5A
- Barcode scanner (consult factory for further information)
- Audible alarm

Dimensions



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