



# PORTA-WEIGH PLUS



Electronic Crane Scales for the Fishing and Seafood Processing Industries

**On the deck or at the dock, Porta-Weigh Plus delivers the performance and reliability you need.**



Designed specifically for the Fishing and Seafood Processing Industries, MSI's Porta-Weigh Plus electronic crane scales deliver the performance and reliability you need on the deck or at the dock. Providing unrivaled accuracy, resolution and stability, the Porta-Weigh Plus family has proven itself in the roughest seas under the harshest conditions.

Electronically, no other scale compares with the technology and versatility of the Porta-Weigh Plus. The MSI-4300 features a large 1.6 in (40mm) alphanumeric liquid crystal display with LED backlighting. Digital calibration and self-diagnostic circuitry allow simple and cost effective maintenance.

The MSI-9300 RF Crane Scale is designed to provide a rugged weight indicator and wireless data system for overhead weighing applications. The MSI-9300 merges state-of-the-art RF technology with the Porta-Weigh Plus crane scale architecture; providing both local and remote display capabilities. Combined with optional remote transceivers, the MSI-9300 offers advanced data gathering and networking suitable for process control, load monitoring and the remote data logging of all weightment information.

All Porta-Weigh Plus electronics are shock mounted and sealed in the industry's toughest, most rugged enclosure for years of dependable use without costly or

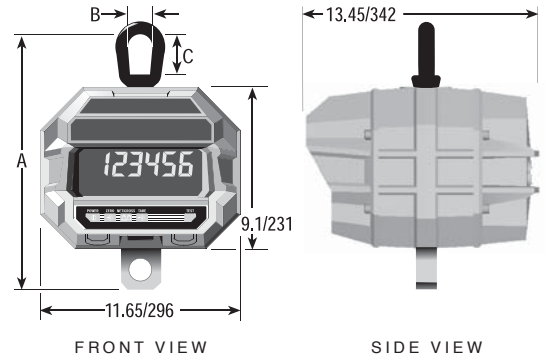
complex maintenance concerns. Porta-Weigh Plus crane scales are available in a standard range of capacities with a host of standard scale features and options for your specific use. For complete capabilities of CellScale Network Solutions, see also product specification sheets for MSI-9000, MSI-9850, MSI-9750A and MSI-9020.

*MSI products are sold and serviced by a worldwide network of factory-authorized distributors and backed by a full one-year warranty.*

## MSI-4300/MSI-9300 Specifications and Dimensions

CAPACITY	RESOLUTION	A	B	C	EYE NUT OR SHACKLE	APPROX. SHIP WT.
2,000 lb	1 lb	15.3 in	2.25	3.06	C/L #7	50 lb
1,000 kg	0.5 kg	388 mm	57.1	77.7	Eye Nut	23 kg
5,000 lb	1 lb	15.3 in	2.25	3.06	C/L #8	60 lb
2,500 kg	0.5 kg	388 mm	57.1	77.7	Eye Nut	27 kg
10,000 lb	2 lb	15.3 in	2.50	3.06	C/L #8	60 lb
5,000 kg	1 kg	388 mm	64.0	77.7	Eye Nut	27 kg

Visit [www.msiscales.com](http://www.msiscales.com) to view separate specification sheets on the MSI-4300 and MSI-9300 for complete capabilities and networked weighing system solutions.



### MSI-4300/MSI-9300 Specifications

#### NTEP Approvals

MSI-4300: COC 92-176

MSI-9300: COC 07-007

#### Accuracy (Legal for Trade)

Plus or minus 0.1% of applied load

#### Housing

- Alodined cast aluminum
- NEMA 4, IP66

#### Load Train

- Top Lifting Eye: Crosby or equivalent
- Safe Overload: 200% of rated capacity
- Ultimate Overload: 500% of rated capacity

#### MSI-4300 Display

- 6 digit, 40mm (1.6in) high numeric LCD (upper)
- 8 digit, 20mm (0.8in) high numeric LCD (lower)

#### MSI-9300 Display

- 6 digit, 30mm (1.2in) high weight and data LED

#### Units

Pounds or kilograms selectable

#### Filtering

Low, medium or high - selectable

#### Operating Temperature

MSI-4300: -10°C to 60°C (14°F to 140°F)

MSI-9300: -20°C to 70°C (-4°F to 158°F)

#### Power

12 volt rechargeable battery (includes 115-230 VAC, 50/60 Hz universal battery charger)

#### Totalization and Statistics

Push button or automatic. Extensive total and statistics capabilities are provided on the MSI-9300 when CellScale digital weight indicators are part of the wireless network

#### Options Include

- RF Remote Controller - Includes On/Off, Zero, Tare, Net/Gross, Total, View Sum and programmable function keys
- Audible alarm
- MSI-4300 Alkaline battery power: 8 "D" Cell alkaline batteries provide up to 2,000 hours of operation

### Standard Function Switches

**POWER:** Turns unit On/Off

**ZERO:** Zeros weight on scale

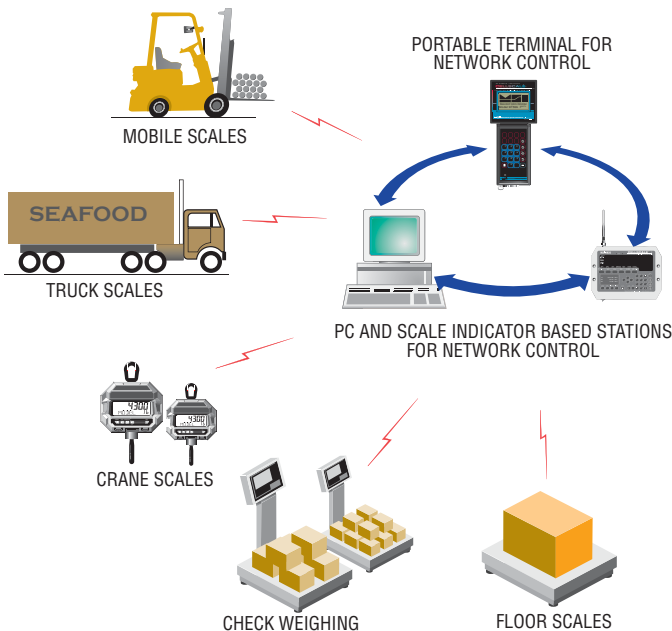
**NET/GROSS:**

Switches between NET and GROSS weight readings

**TARE:** Tares applied load and displays weight in NET mode

**TEST:** Provides on-demand functional tests of display segments, battery and RF network information, and is also programmable for USER desired functions

## CellScale Network Solutions for the Fishing and Seafood Processing Industries



CellScale RF Network Solutions from MSI provide the Fishing and Seafood Processing Industries with advanced wireless solutions for material weighing, handling and processing. CellScale technology provides real-time monitoring and control of multiple scale inputs simultaneously through a secure wireless network. Enhanced data acquisition, full-featured programmable signal processing, sophisticated data logging, and complete display of multiple scales can be initiated and managed independently from remote locations.

Further enrich your industrial control architecture and information processing with CellScale. To learn more about the features and benefits of CellScale Network Solutions, and how the innovative product solutions from MSI can fulfill your specific project needs, contact our Sales Department today at 800-874-4320 (U.S.A. and Canada) or 206-433-0199.

*"We weigh quality first"*



Specifications subject to change without notice.

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