

MSI-4260 PORT-A-WEIGH

ELECTRONIC CRANE SCALES



*Compatible with Optional
MSI-8000 RF Remote Display*



**Measurement Systems
International™**

A RICE LAKE WEIGHING SYSTEMS COMPANY

800-874-4320
www.msiscales.com

MSI-4260 PORT-A-WEIGH

ELECTRONIC CRANE SCALES

Industry's original standard for accurate, reliable and safe overhead weighing.

When introduced in 1980, the MSI-4260 Port-A-Weigh established the original industry standard for accurate, reliable, and safe overhead crane weighing and material handling. After decades of production, added technology advancements, and thousands of worldwide installations, Port-A-Weigh continues to set the standard. Along with Port-A-Weigh, the MSI product offering features the most complete line of industrial crane scales.

Standard Features

- Sealed front panel switches
- 9 standard capacity ranges available
- NTEP Legal for Trade approved; up to 70,000 lb (35,000 kg)
- 24 bit ScaleCore A/D Weight Processor
- High resolution (2500-5000 divisions standard, up to 10,000 available)
- Full digital calibration ($\pm 0.1\%$ accuracy) of Applied Load ± 1 Division
- Auto-off and auto-sleep modes
- Safety service counter (periodic inspection and maintenance reminders)
- Programmable features—totalizing, peak hold, set points, units, filtering and self-test
- Crosby or equivalent top shackle or lifting eye and bottom swivel hook

Options

- NTEP approved for use in commercial trade (contact factory for U.S. and International specifications)
- Substitute shackle for bottom swivel hook (possible headroom loss reduction)
- Oversized top lifting eye or shackle
- Universal direct power supply: 85-265VAC, 47-440 Hz/130-300VDC
- Heat shield for high temperature applications (contact factory for operating specifications)
- Factory Mutual Approved (intrinsically safe for use in hazardous environments): Class I, II, III; DIV. 1, Group C, D, E, F, & G; DIV. 2, Group A, B, C, D, & G
- RF remote controller includes On/Off, Zero, Tare, Net/Gross, Total, View Total, and programmable function keys.
- Optional RF Module for Connectivity with MSI-8000 RF Remote Display
- Optional MSI-8000 RF Remote Display
- Optional 802.11 b/g Wireless Module



Compatible with Optional MSI-8000 RF Remote Display

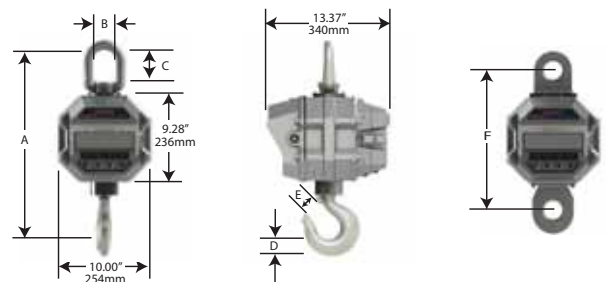
Specifications

Accuracy:	$\pm 0.1\%$ of applied load $\pm 1d$
Enclosure:	NEMA 4, IP66 marine grade 356 alloy
Hook:	Crosby thrust bearing swivel hook or equivalent
Safe Overload:	200% of rated capacity
Ultimate Overload:	500% of rated capacity (except as noted)
Operating Temperature Range: 14° to +140°F (-10° to +60°C)	
Display:	5 digit, 1.2 in (30 mm) high numeric LED with selectable brightness control
Annunciators:	Low Battery, Peak Hold, Stable, Center of Zero, Net, Gross, Total, Units (lb/kg), X 1000, SP1, SP2, and SP3
Power:	12 volt rechargeable battery (includes 115-230 VAC, 50-60 Hz universal battery charger)
Operating Time:	100+ hours depending on brightness settings and average number of segments "On"
Units:	Pounds or Kilograms selectable
Service Counter:	Registers number of lifts by value for inspection and maintenance reminder
Auto-Off Mode:	Select for 15, 30, 45 minutes, 1 hour or Off
Auto-Sleep Mode:	Power down during non-use and power up with motion for maximum battery conservation

Function Switches

Power:	12 volt rechargeable battery (includes 115-230 VAC, 50-60 Hz universal battery charger)
Zero:	Zeros applied load up to 100% of capacity
Tare:	Tares applied load and displays weight in Net mode and returns unit to Gross Mode
F1:	User programmable function switch for use as Test, Net/Gross, Unit Select, Total (auto or manual), View Total and Peak Hold

MSI-4260 Dimensions



Capacity	Resolution**	A*	B*	C*	D*	E*	F	Hook	Eye Nut or Shackle	Safety Factor	Shipping Wt	
500 lb 250 kg	0.2 lb 0.1 kg	18.3 in 465 mm	2.25 in 57.1 mm	3.06 in 77.7 mm	1.44 in 37.0 mm	1.41 in 36.0 mm	—	5 ton alloy swivel	CR # 7 eyenut	>5 >5	53 lb 24 kg	
2,000 lb 1,000 kg	1 lb 0.5 kg	18.3 in 465 mm	2.25 in 57.1 mm	3.06 in 77.7 mm	1.44 in 37.0 mm	1.41 in 36.0 mm	—	5 ton alloy swivel	CR # 7 eyenut	>5 >5	53 lb 24 kg	
5,000 lb 2,500 kg	1 lb 0.5 kg	20.5 in 521 mm	2.50 in 64.0 mm	3.50 in 89.0 mm	1.81 in 46.0 mm	1.69 in 42.9 mm	—	7 ton alloy swivel	CR # 8 eyenut	>5 >5	62 lb 28 kg	
10,000 lb 5,000 kg	2 lb 1 kg	20.5 in 521 mm	2.50 in 64.0 mm	3.50 in 89.0 mm	1.81 in 46.0 mm	1.69 in 42.9 mm	—	7 ton alloy swivel	CR # 8 eyenut	>5 >5	62 lb 28 kg	
20,000 lb 10,000 kg	5 lb 2 kg	28.5 in 724 mm	4.00 in 101.6 mm	6.25 in 159 mm	2.62 in 66.5 mm	2.41 in 61.2 mm	—	15 ton alloy swivel	CR # 11 eyenut	>7 >6.5	105 lb 47 kg	
30,000 lb 15,000 kg	10 lb 5 kg	30.0 in 762 mm	4.00 in 101.6 mm	6.25 in 159 mm	3.00 in 76.2 mm	3.19 in 81.0 mm	—	22 ton alloy swivel	CR # 11 eyenut	>5 >5	125 lb 55 kg	
50,000 lb 25,000 kg	10 lb 5 kg	41.0 in 1041 mm	5.00 in 127 mm	6.00 in 152 mm	3.62 in 92.0 mm	3.63 in 92.0 mm	15.0 in 381 mm	30 ton alloy swivel	CR 25 ton shackle # 2130	>5 4.9	235 lb 106 kg	
70,000 lb 35,000 kg	20 lb 10 kg	43.2 in 1097 mm	5.00 in 127 mm	6.00 in 152 mm	4.56 in 116 mm	3.75 in 95.0 mm	15.0 in 381 mm	37 ton alloy swivel	CR40 ton alloy shackle # 2140	4.75 4.3	270 lb 121 kg	
100,000 lb 50,000 kg	20 lb 10 kg	52.1 in 1324 mm	5.75 in 146 mm	6.65 in 169 mm	5.06 in 129 mm	4.25 in 108 mm	16.25 in 413 mm	45 ton alloy swivel	CR 55 ton alloy shackle # 2140	4.5 4	420 lb 189 kg	
Alternate Hooks for 100,000 lb									60 ton alloy swivel	CR 55 ton alloy shackle # 2140	5 4.5	510 lb 231 kg
									75 ton alloy swivel	CR 55 ton alloy shackle # 2140	5 4.5	630 lb 286 kg

CR = Crosby or equivalent.

* These dimensions also apply to 50/70/100,000 lb. units with hook and shackle.

** Resolution subject to change for NIST and OIML approved units.



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