

MSI-4300
Port-A-Weigh Plus
DIGITAL CRANE SCALE



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MSI-4300 PORT-A-WEIGH PLUS

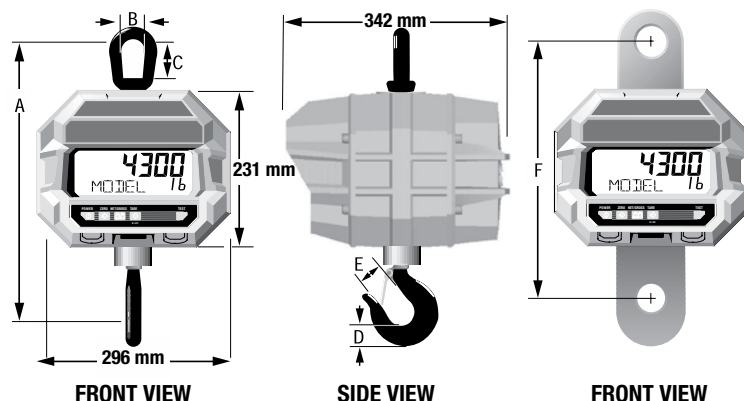
DIGITAL CRANE SCALE

The Port-A-Weigh Plus is world renowned for safe and reliable use in heavy-duty industrial crane scale applications. No other crane scale compares with the advanced features and benefits provided by the MSI-4300.

Port-A-Weigh Plus includes an extra large 40 mm alphanumeric LCD display with adjustable backlighting providing user-friendly visibility from a distance in day or night conditions. Full digital calibration and self-diagnostic circuitry ensure simple and cost-effective maintenance over a long and useful product life. All electronics are securely shock mounted in a robust NEMA 4, IP66 enclosure including dual O-ring sealing gaskets to ensure watertight integrity in washdown and marine applications. The Port-A-Weigh Plus is the ideal crane scale for all heavy-duty applications in nearly any industrial environment.



Specifications and Dimensions



Note: 22.500/31.750/45.000 kg models come standard with top shackle and bottom swivel hook.

Capacity	Resolution**	A*	B*	C*	D*	E*	F	Hook	Eye Nut or Shackle	Approx. Shipping Weight
250 kg	0,1 kg	465 mm	57 mm	78 mm	37 mm	36 mm	—	swivel	eye nut	24 kg
1.000 kg	0,5 kg	465 mm	57 mm	78 mm	37 mm	36 mm	—	swivel	eye nut	24 kg
2.500 kg	0,5 kg	521 mm	64 mm	89 mm	46 mm	43 mm	—	swivel	eye nut	28 kg
5.000 kg	1 kg	521 mm	64 mm	89 mm	46 mm	43 mm	—	swivel	eye nut	28 kg
10.000 kg	2 kg	724 mm	102 mm	159 mm	67 mm	61 mm	—	swivel	eye nut	47 kg
15.000 kg	5 kg	762 mm	102 mm	159 mm	76 mm	81 mm	—	swivel	eye nut	55 kg
25.000 kg***	5 kg	1041 mm	127 mm	152 mm	92 mm	92 mm	381 mm	swivel	shackle # 2130	106 kg
35.000 kg****	10 kg	1097 mm	127 mm	152 mm	116 mm	95 mm	381 mm	swivel	shackle # 2140	121 kg
50.000 kg*****	10 kg	1324 mm	146 mm	169 mm	129 mm	108 mm	413 mm	S1 swivel	shackle # 2140	189 kg

CONSULT FACTORY FOR HIGHER CAPACITIES — See MSI-9300HT specification sheet for applications that require powered rotation of lifted material.
See also MSI-9300 Port-A-Weigh Plus and MSI-6260CS for heavy duty applications requiring remote radio telemetry display and/or computer interface.

* CR = Crosby® or equivalent (Crosby is a registered trademark of The Crosby Group, LLC.)
* These dimensions also apply to 22.500/31.750/45.000 kg models with hook and shackle
** Resolution subject to change for NTEP Certified and OIML units
*** Ultimate overload: 490% of kg capacity
**** Ultimate overload: 430% of kg capacity
***** Ultimate overload: 450% of kg capacity

Specifications

Accuracy:	+ (0.1% +1 d) of applied load
Resolution:	3000 to 5000 d standard (Up to 10,000 d available)
Enclosure:	NEMA 4, IP66, marine grade 356 alloy anodized cast aluminum
Top Lifting Eye, Shackle & Hook:	Crosby® or equal with 360° thrust-bearing swivel hook
Design Overload:	200% Safe / 500% Ultimate (except as noted)
Functions:	POWER, ZERO, NET/GROSS, TARE and programmable TEST/USER
Display:	Six-digit, 40 mm LCD (upper) Eight-digit, 20 mm LCD (lower) with adjustable display contrast
Displayable Units:	Pounds, Kilograms, Tons, and Metric Tons selectable
Power:	12 Volt rechargeable battery. 115/230 VAC battery charger included
Operating Time:	300 hours with typical use
Operating Temperature:	-15°C to 50°C (5°F to 122°F)
Filtering:	OFF, LO, Medium and HI selectable

Options and Accessories

- NTEP Certified (contact factory for current USA and International approvals)
- Universal direct power supply: 85-265 VAC, 47-440 Hz/130-300 VDC
- D-Cell Alkaline battery power
- Substitute shackle for bottom swivel hook (for possible headroom loss reduction)
- Oversized top lifting eye or shackle (for oversized crane hook interface)
- Oversized bottom swivel hook
- Low headroom adapter (for in-block installation)
- Audible alarm
- Marine/Fishing configuration (contact factory for further information)



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Specifications subject to change without notice.