

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



CERTIFIED SCALE, INC.
INDUSTRIAL & LABORATORY WEIGHING SOLUTIONS

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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 1.6 inch (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.

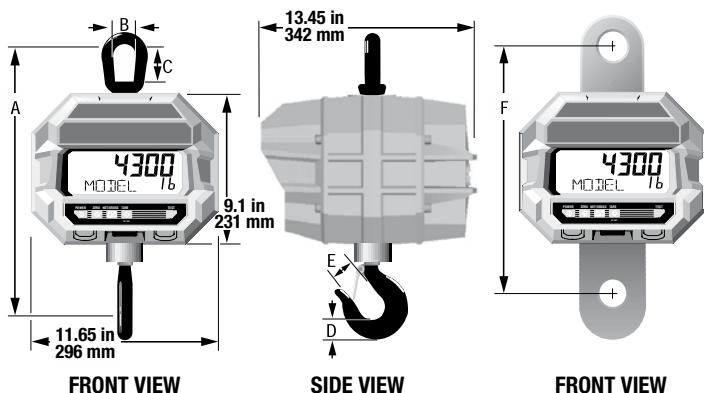


Specifications

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, 1.6 in (40 mm) LCD (upper) Eight-digit, 0.8 in (20 mm) LCD (lower) with adjustable display contrast
Displayable Units:	Pounds, kilograms, tons, and metric tons selectable
Power:	12 volt rechargeable battery. 115/230VAC battery charger included
Operating Time:	300 hours with typical use
Operating Temperature:	5°F to 122°F (-15°C to 50°C)
Filtering:	OFF, LO, Medium and HI selectable
Approvals:	NTEP CC 92-176 - 5,000 lb (2,500 kg) Measurement Canada AM-4984

Options and Accessories

- NTEP Certified (contact factory for current USA and International approvals)
- Universal direct power supply: 85-265VAC, 47-440 Hz/130-300VDC
- 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)



Note: 50/70/100,000 lb 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
500 lb	0.2 lb	18.3 in	2.25 in	3.06 in	1.44 in	1.41 in	—	5 ton alloy swivel	CR #7 eye nut	53 lb
250 kg	0.1 kg	465 mm	57.1 mm	77.7 mm	37.0 mm	36.0 mm	—	5 ton alloy swivel	CR #7 eye nut	24 kg
2,000 lb	1 lb	18.3 in	2.25 in	3.06 in	1.44 in	1.41 in	—	7 ton alloy swivel	CR #8 eye nut	62 lb
1,000 kg	0.5 kg	465 mm	57.1 mm	77.7 mm	37.0 mm	36.0 mm	—	7 ton alloy swivel	CR #8 eye nut	28 kg
5,000 lb	1 lb	20.5 in	2.50 in	3.50 in	1.81 in	1.69 in	—	15 ton alloy swivel	CR #11 eye nut	105 lb
2,500 kg	0.5 kg	521 mm	64.0 mm	89.0 mm	46.0 mm	42.9 mm	—	15 ton alloy swivel	CR #11 eye nut	47 kg
10,000 lb	2 lb	20.5 in	2.50 in	3.50 in	1.81 in	1.69 in	—	22 ton alloy swivel	CR #11 eye nut	125 lb
5,000 kg	1 kg	521 mm	64.0 mm	89.0 mm	46.0 mm	42.9 mm	—	22 ton alloy swivel	CR #11 eye nut	55 kg
20,000 lb	5 lb	28.5 in	4.00 in	6.25 in	2.62 in	2.41 in	—	30 ton alloy swivel	CR 25 ton shackle # 2130	235 lb
10,000 kg	2 kg	724 mm	101.6 mm	159 mm	66.5 mm	61.2 mm	—	30 ton alloy swivel	CR 25 ton shackle # 2130	106 kg
30,000 lb	10 lb	30.0 in	4.00 in	6.25 in	3.00 in	3.19 in	—	37 ton alloy swivel	CR 40 ton shackle # 2140	270 lb
15,000 kg	5 kg	762 mm	101.6 mm	159 mm	76.2 mm	81.0 mm	—	37 ton alloy swivel	CR 40 ton shackle # 2140	121 kg
50,000 lb	10 lb	41.0 in	5.00 in	6.00 in	3.62 in	3.63 in	15.0 in	CR 45 ton S1 swivel	CR 55 ton shackle # 2140	420 lb
25,000 kg***	5 kg	1041 mm	127 mm	152 mm	92.0 mm	92.0 mm	381 mm	CR 45 ton S1 swivel	CR 55 ton shackle # 2140	189 kg
70,000 lb****	20 lb	43.2 in	5.00 in	6.00 in	4.56 in	3.75 in	15.0 in	CR 45 ton S1 swivel	CR 55 ton shackle # 2140	420 lb
35,000 kg****	10 kg	1097 mm	127 mm	152 mm	116 mm	95.0 mm	381 mm	CR 45 ton S1 swivel	CR 55 ton shackle # 2140	189 kg
100,000 lb*****	20 lb	52.1 in	5.75 in	6.65 in	5.06 in	4.25 in	16.25 in	CR 45 ton S1 swivel	CR 55 ton shackle # 2140	420 lb
50,000 kg*****	10 kg	1324 mm	146 mm	169 mm	129 mm	108 mm	413 mm	CR 45 ton S1 swivel	CR 55 ton shackle # 2140	189 kg

CR = Crosby® or equivalent (Crosby is a registered trademark of The Crosby Group, LLC.)

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

** Resolution subject to change for NTEP Certified and OIML units

*** Ultimate overload: 490% of kg capacity

**** Ultimate overload: 475% of lb capacity / 430% of kg capacity

***** Ultimate overload: 450% of kg capacity



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