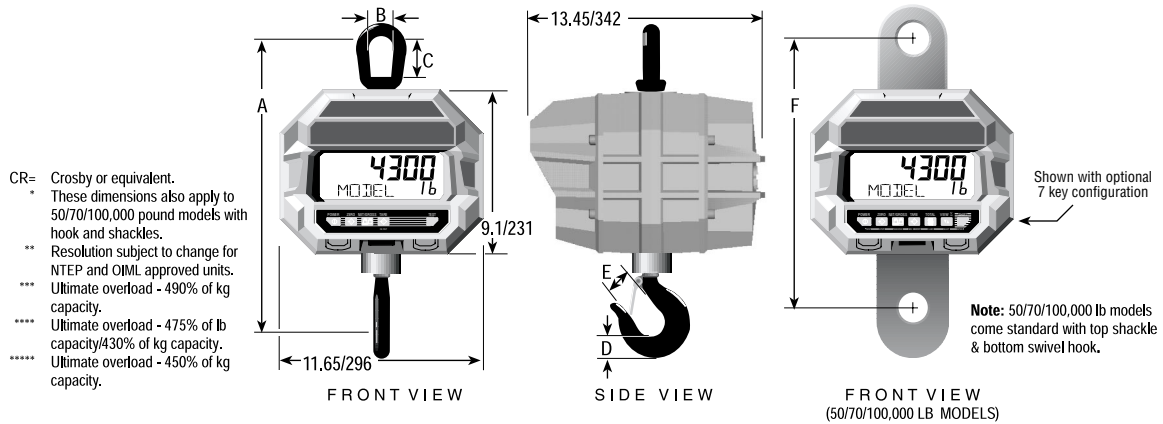


MSI-4300 Specifications and Dimensions



CAPACITY	RESOLUTION**	A*	B*	C*	D*	E*	F	HOOK	EYE NUT OR SHACKLE	APPROX. SHIP WT.
500 lb	0.2 lb	18.3 in	2.25	3.06	1.44	1.41	—	5 ton alloy swivel	CR # 7 eye nut	53 lb
250 kg	0.1 kg	465 mm	57.1	77.7	37.0	36.0	—	5 ton alloy swivel	CR # 7 eye nut	24 kg
2,000 lb	1 lb	18.3 in	2.25	3.06	1.44	1.41	—	5 ton alloy swivel	CR # 7 eye nut	53 lb
1,000 kg	0.5 kg	465 mm	57.1	77.7	37.0	36.0	—	5 ton alloy swivel	CR # 7 eye nut	24 kg
5,000 lb	1 lb	20.5 in	2.50	3.50	1.81	1.69	—	7 ton alloy swivel	CR #8 eye nut	62 lb
2,500 kg	0.5 kg	521 mm	64.0	89.0	46.0	42.9	—	7 ton alloy swivel	CR # 8 eye nut	28 kg
10,000 lb	2 lb	20.5 in	2.50	3.50	1.81	1.69	—	7 ton alloy swivel	CR # 8 eye nut	62 lb
5,000 kg	1 kg	521 mm	64.0	89.0	46.0	42.9	—	7 ton alloy swivel	CR # 8 eye nut	28 kg
20,000 lb	5 lb	28.5 in	4.00	6.25	2.62	2.41	—	15 ton alloy swivel	CR # 11 eye nut	105 lb
10,000 kg	2 kg	724 mm	101.6	159	66.5	61.2	—	15 ton alloy swivel	CR # 11 eye nut	47 kg
30,000 lb	10 lb	30.0 in	4.00	6.25	3.00	3.19	—	22 ton alloy swivel	CR # 11 eye nut	125 lb
15,000 kg	5 kg	762 mm	101.6	159	76.2	81.0	—	22 ton alloy swivel	CR # 11 eye nut	55 kg
50,000 lb	10 lb	41.0 in	5.00	6.00	3.62	3.63	15.0	30 ton alloy swivel ***	CR 25 ton shackle # 2130	235 lb
25,000 kg	5 kg	1041 mm	127	152	92.0	92.0	381	30 ton alloy swivel ****	CR 40 ton shackle # 2140	106 kg
70,000 lb	20 lb	43.2 in	5.00	6.00	4.56	3.75	15.0	37 ton alloy swivel *****	CR 55 ton shackle # 2140	270 lb
35,000 kg	10 kg	1097 mm	127	152	116	95.0	381	37 ton alloy swivel *****	CR 55 ton shackle # 2140	121 kg
100,000 lb	20 lb	52.1 in	5.75	6.65	5.06	4.25	16.25	CR 45 ton S1 swivel *****	CR 55 ton shackle # 2140	420 lb
50,000 kg	10 kg	1324 mm	146	169	129	108	413	CR 45 ton S1 swivel *****	CR 55 ton 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 Porta-Weigh Plus and MSI-6260CS for heavy duty applications requiring remote radio telemetry display and/or computer interface.

Specifications

Accuracy

Plus or minus 0.1% of applied load

Housing

- Alodined cast aluminum
- Double O-ring gasketed
- NEMA 4, IP66

Load Train

- Load Cell: 4340 aircraft quality steel
- Top Lifting Eye and/or Shackle: Crosby or equivalent
- Hook: Crosby thrust bearing swivel hook or equivalent
- Safe Overload: 200% of rated capacity
- Ultimate Overload: 500% of rated capacity (except as noted)

Display

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

Filtering

Low, medium or high selectable

Units

Pounds, kilograms, tons or metric tons – switch selectable

Temperature

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

Power

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

Operating Time

Maximum 100 - 300 hours (operating time will vary with on/off duty cycle and with use of backlight)

Standard Function Switches

POWER: Turns unit “On” or “Off”

ZERO: Zeros applied load up to 100% of capacity unless prohibited by legal-for-trade settings

NET/GROSS:

Switches display between NET and GROSS weight readings

TARE: Tares applied load and displays weight in NET mode

TEST: Provides on-demand functional tests

Optional 7 Key Configuration

Includes all of the above, plus:

TOTAL Σ: Accumulates weighments (automatically or manually)

VIEW: Displays current total value

SETUP: Menu of selectable operating parameters (includes Set Points)

CLEAR: Dispose of previously entered value

SELECT: Controls menu of selectable parameters

ENTER: Entry of numeric values and selectable operating parameters

PEAK HOLD:

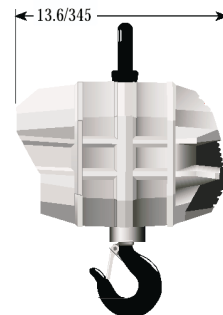
Captures and holds maximum load

TARE MEMORY:

Stores up to 10 tare values

Options and Accessories

- 7 key configuration
- NTEP and OIML for use in commercial trade (contact factory for U.S. and International specifications Class III and IIIL)
- Substitute shackle for bottom swivel hook
- Oversized top and/or bottom shackle
- Oversized bottom swivel hook
- Low headroom adapter
- RS-232 data output
- Direct AC or DC power input
- Audible alarm
- IR Remote
- Alkaline battery power (see drawing below for alkaline battery option back casting)



“We weigh quality first”



Specifications subject to change without notice.

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