MSI-4300 Port-A-Weigh Plus



Standard Features

- Crane scale unit with six-digit, 1.6 in (40 mm), backlight LCD display
- Top lifting eye or shackle, bottom thrust bearing swivel hook
- 12 volt rechargeable battery and universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)
- Meets or exceeds OSHA, ANSI, ASME and other safety design standards (5:1 Ultimate Safety Factor)
- NTEP Certified configuration

Approvals

Options

(Contact MSI for application consultation)

- D-cell battery option, provides up to 2,000 hours of operation
- Substitute bottom swivel hook with shackle
- Oversized top-lifting eye or shackle
- Oversized bottom hook
- Universal direct power supply; 85-265 VAC, 47-440 Hz /130-300 VDC
- Low headroom top adapter
- Audible setpoint alarm
- Custom top and bottom interfaces
- Crane scale cart



Optional crane scale cart

Specifications

Accuracy:
± (0.1% +1 d) of capacity

Resolution:
3,000 to 5,000 d standard (Up to 10,000 d available)

Enclosure:
NEMA Type 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 where noted)

Functions:
Power, zero, net/gross, tare and programmable test/user

Display:
6 digit, 1.6 in (40 mm) LCD (upper)
8 digit, 0.8 in (20 mm) LCD (lower) with adjustable display contrast

Displayable Units:
Pounds, kilograms, tons, and metric tons selectable

Power:
12 V rechargeable battery. 115/230 VAC battery charger included

Operating Time:
300 hours with typical use

Operating Temperature:
5°F to 122°F (-15°C to 50°C)
Legal for Trade: 14°F to 104°F (-10°C to 40°C)

Filtering:
OFF, LO, Medium and HI selectable

Warranty:
One-year limited

Approvals:
NTEP CC 92-176 - 5,000 lb (2,500 kg)
Measurement Canada AM-4984

MSI-4300 Port-A-Weigh Plus

Part Number/Price

Part #	MSI Part #	Description	Capacity	Resolution	Est. Weight	Price
138825	502666-0013	MSI-4300 500 lb F/A	500 lb (250 kg)	0.2 lb (0.1 kg)	53 lb	Consult
138826	502666-0014	MSI-4300 2,000 lb F/A	2,000 lb (1000 kg)	1.0 lb (0.5 kg)	53 lb	Consult
138827	502666-0015	MSI-4300 5,000 lb F/A	5,000 lb (2500 kg)	1.0 lb (0.5 kg)	62 lb	Consult
138828	502666-0016	MSI-4300 10,000 lb F/A	10,000 lb (5000 kg)	2.0 lb (1.0 kg)	62 lb	Consult
138069	502235-0032	MSI-4300 20,000 lb F/A	20,000 lb (10,000 kg)	5.0 lb (2.0 kg)	105 lb	Consult
138070	502235-0033	MSI-4300 30,000 lb F/A	30,000 lb (15,000 kg)	10 lb (5.0 kg)	125 lb	Consult
138071*	502235-0034	MSI-4300 50,000 lb F/A	50,000 lb (25,000 kg)	10 lb (5.0 kg)	235 lb	Consult
138072**	502235-0035	MSI-4300 70,000 lb F/A	70,000 lb (35,000 kg)	20 lb (10 kg)	270 lb	Consult
138073***	502235-0036	MSI-4300 100,000 lb F/A	100,000 lb (50,000 kg)	20 lb (10 kg)	420 lb	Consult

Options/Accessories

Part #	MSI Part #	Description	Est. Weight	Price
159221	N/A	Universal crane scale transport cart	180 lb	Consult
Consult	N/A	Audible set point alarm	-	Consult
Consult	N/A	AC power supply	-	Consult
Consult	N/A	D cell battery option	-	Consult
Accessories				
150367	D00559-0004	Battery assembly, 12 volt rechargeable	7 lb	Consult
138006	502221-0001	Universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)	4 lb	Consult
138007	502221-0002	Universal 115/230 VAC, 50/60 Hz battery charger (UK plug standard)	4 lb	Consult
138008	502221-0003	Universal 115/230 VAC, 50/60 Hz battery charger (EC plug standard)	4 lb	Consult
4300 Sub Hook with Shackle				
Consult	N/A	500 to 10,000 lb, 6.5 ton shackle	-	Consult
Consult	N/A	20,000 to 30,000 lb, 17 ton shackle	-	Consult
Consult	N/A	50,000 lb, 25 ton shackle	-	Consult
Consult	N/A	70,000 lb, 40 ton shackle	-	Consult
Consult	N/A	100,000 lb, 55 ton shackle	-	Consult
4300 Oversize Lifting Eye/Shackle				
Consult	N/A	500 to 10,000 lb capacity	-	Consult
Consult	N/A	20,000 to 30,000 lb capacity, adapter with 25 ton shackle	-	Consult
Consult	N/A	50,000 to 70,000 lb capacity	-	Consult
Consult	N/A	100,000 lb capacity	-	Consult

** 490% of kg capacity*

*** 475% of lb capacity/430% of kg capacity*

**** 450% of kg capacity*