

MSI-3460 Challenger 3

Specifications

Accuracy:

± (0.1% +1 d) of applied load

Resolution:

2000 to 3750 d standard (Up to 10,000 d available)

Enclosure:

NEMA 4, IP65, powder coated cast aluminum

Lifting Eye & Hook:

Crosby® or equivalent with 360° non-bearing swivel hook

Design Overload:

200% Safe / 500% Ultimate

Functions:

Power: Turns unit ON or OFF Zero: Zeros applied load up to 100% of capacity (limited range in NTEP/OIML configurations) Tare: Tares applied load and displays weight in Net mode User: Programmable as TEST, UNITS, NET/GROSS, TOTAL, PEAK HOLD & SETPOINTS

Display:

5-digit, 1.5 in (38 mm) LED with programmable brightness control

Displayable Units:

Pounds or kilogram selectable

Annunciators:

COZ, Net, Gross, Total, Peak, Low Battery, lb/kg, Motion, Setpoints, ACK IN, ACK OUT, RF

Power:

6 Volt rechargeable battery. 115/230VAC battery charger is included

Operating Time:

Up to 80 hours between charging with typical use. Less with optional RF Model

Operating Temperature:

-40° to 104°F (-40° to 40°C)

Auto-Off Mode:

Select for 15, 30, 45, 60 minutes or Off

Auto Sleep Mode:

Power down during non-use and power up with weight change or any key press

Service Counters:

Counts number of lifts over percentage of capacity and lifts over capacity

Calibration:

Digital

Filtering:

OFF, LO, HI-1, HI-2 selectable

Warranty:

One-year limited

Approvals:

NTEP CC 86-021



APPROVALS



Standard Features

- Crane unit with five-digit, 1.5 in (38 mm) LED display
- Top lifting eye or shackle and bottom swivel hook
- Lb / kg switch selectable
- Six Volt rechargeable battery and universal 115/230VAC, 50/60 Hz battery charger (NA Plug Standard)

Additional Options

(Contact MSI for application consultation)

- RF Remote Controller (control for On/Off, Zero, Tare and other functions)
- RF modem install for connectivity to MSI-8000 or MSI-8000HD RF Remote Display
- RF Scoreboard
- NTEP Certified (250-10,000 lb capacities)
- Universal direct power supply (115/230VAC)

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Part Number/Price

PART #	MSI PART #	DESCRIPTION	CAPACITY	RESOLUTION	EST. SHIP WEIGHT	PRICE
139102	502887-0001	MSI-3460 250/500 lb cap F/A	250 lb / 125 kg 500 lb / 250 kg	0.1 lb / 0.05 kg 0.2 lb / 0.1 kg	22 lb / 10 kg	Consult
139103	502887-0002	MSI-3460 1000/2000 lb cap F/A	1,000 lb / 500 kg 2,000 lb / 1,000 kg	0.5 lb / 0.2 kg 1 lb / 0.5 kg	22 lb / 10 kg	Consult
139104	502887-0003	MSI-3460 5000/10,000 lb cap F/A	5,000 lb / 2,500 kg 10,000 lb / 5,000 kg	2 lb / 1 kg 5 lb / 2 kg	39 lb / 18 kg	Consult
139105	502887-0004	MSI-3460 15,000 lb cap F/A	15,000 lb / 7,000 kg	5 lb / 2 kg	67 lb / 30 kg	Consult
139106	502887-0005	MSI-3460 250/500 lb cap F/A with RF remote controller	250 lb / 125 kg 500 lb / 250 kg	0.1 lb / 0.05 kg 0.2 lb / 0.1 kg	22 lb / 10 kg	Consult
139107	502887-0006	MSI-3460 1000/2000 lb cap F/A with RF remote controller	1,000 lb / 500 kg 2,000 lb / 1,000 kg	0.5 lb / 0.2 kg 1 lb / 0.5 kg	22 lb / 10 kg	Consult
139108	502887-0007	MSI-3460 5000/10,000 lb cap F/A With RF remote controller	5,000 lb / 2,500 kg 10,000 lb / 5,000 kg	2 lb / 1 kg 5 lb / 2 kg	39 lb / 18 kg	Consult
139109	502887-0008	MSI-3460 15,000 lb cap F/A with RF remote controller	15,000 lb / 7,000 kg	5 lb / 2 kg	67 lb / 30 kg	Consult
139110	502887-0009	MSI-3460 250/500 lb cap F/A with RF modem install for connectivity to model MSI-8000	250 lb / 125 kg 500 lb / 250 kg	0.1 lb / 0.05 kg 0.2 lb / 0.1 kg	22 lb / 10 kg	Consult
139111	502887-0010	MSI-3460 1000/2000 lb cap F/A with RF modem install for connectivity to model MSI-8000	1,000 lb / 500 kg 2,000 lb / 1,000 kg	0.5 lb / 0.2 kg 1 lb / 0.5 kg	22 lb / 10 kg	Consult
139112	502887-0011	MSI-3460 5000/10,000 lb cap F/A with RF modem install for connectivity to Model MSI-8000	5,000 lb / 2,500 kg 10,000 lb / 5,000 kg	2 lb / 1 kg 5 lb / 2 kg	39 lb / 18 kg	Consult
139113	502887-0012	MSI-3460 15,000 lb cap F/A with RF modem install for connectivity to model MSI-8000	15,000 lb / 7,000 kg	5 lb / 2 kg	67 lb / 30 kg	Consult
139381	503208-0001	MSI-8000 RF Remote Display (requires MSI-3460 equipped with RF modem)	N/A	N/A	5 lb / 2.25 kg	Consult

Options/Accessories

PART #	MSI PART #	DESCRIPTION	EST. SHIP WEIGHT	PRICE
140049	C00502-0001	Battery assembly, 6 Volt rechargeable	3 lb / 1.4 kg	Consult
139152	502956-0001	Universal 115/230VAC, 50/60 Hz battery charger (NA Plug)	5 lb / 2.25 kg	Consult
139153	502956-0002	Battery charger 115/230 VAC, 50/60 Hz (EC Plug)	5 lb / 2.25 kg	Consult
139386	503239-0001	Spare RF remote controller	1 lb / 0.45 kg	Consult
149549	503486-0001	Universal 115/230VAC 50/60 Hz (NA Plug Standard) battery charger for MSI-8000 Remote Display	3 lb / 1.4 kg	Consult
162899	N/A	Red LED, 4 in (101 mm) six-digit display	21 lb / 10 kg	Consult
162897	N/A	Red LED, 6 in (152 mm) six-digit display	37 lb / 17 kg	Consult