

MSI-3460 Challenger 3

Crane Scale

CRANE SCALES



Approvals



Consult

Consult

Standard Features

- LED display
- Top lifting eye and bottom swivel hook
- Lb/kg switch selectable
- Six 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 (250 to 10,000 lb capacities)

Part Number/Price

Part #	Description	Resolution	Est. Weight	Price
139102	250 lb/500 lb (125 kg/250 kg) cap F/A	0.1 lb (0.05 kg) 0.2 lb (0.1 kg)	22 lb	Consult
139103	1,000 lb/2,000 lb (500 kg/1,000 kg) cap F/A	0.5 lb (0.2 kg) 1 lb (0.5 kg)	22 lb	Consult
139104	5,000 lb/10,000 lb (2,500 kg/5,000 kg) cap F/A	2 lb (1 kg) 5 lb (2 kg)	39 lb	Consult
139105	15,000 lb (7,000 kg) cap F/A	5 lb (2 kg)	67 lb	Consult
139110	250 lb/500 lb (125 kg/250 kg) cap F/A (with RF modem for connectivity to model MSI-8000 and remote)	0.1 lb (0.05 kg) 0.2 lb (0.1 kg)	22 lb	Consult
139111	1,000 lb/2,000 lb (500 kg/1,000 kg) cap F/A (with RF modem for connectivity to model MSI-8000 and remote)	0.5 lb (0.2 kg) 1 lb (0.5 kg)	22 lb	Consult
139112	5,000 lb/10,000 lb (2,500 kg/5,000 kg) cap F/A (with RF modem for connectivity to model MSI-8000 and remote)	2 lb (1 kg) 5 lb (2 kg)	39 lb	Consult
139113	15,000 lb (7,000 kg) cap F/A (with RF modem for connectivity to model MSI-8000 and remote)	5 lb (2 kg)	67 lb	Consult
176909	250 lb/500 lb (125 kg/250 kg) cap F/A with Wi-Fi	0.1 lb (0.05 kg) 0.2 lb (0.1 kg)	22 lb	Consult
176910	1,000 lb/2,000 lb (500 kg/1,000 kg) cap F/A with Wi-Fi	0.5 lb (0.2 kg) 1 lb (0.5 kg)	22 lb	Consult
176911	5,000 lb/10,000 lb (2,500 kg/5,000 kg) cap F/A with Wi-Fi	2 lb (1 kg) 5 lb (2 kg)	39 lb	Consult
176912	15,000 lb (7,000 kg) cap F/A with Wi-Fi	5 lb (2 kg)	67 lb	Consult

Options

(Contact MSI for application consultation)

- Rugged remote control (control for On/Off, Zero, Tare and other functions)
- RF modem install for connectivity to MSI-8000, MSI-8000HD RF, MSI-8004HD RF remote display, TranSend and LaserLight2 remote display range typically 100 to 300 ft, line of sight; for longer range consult factory
- Universal direct power supply (115/230 VAC)
- Audible alarm
- Wi-Fi communication is available for specialty applications
- OIML and CE approved versions available, consult for more information

Specifications

Accuracy:

± (0.1% +1 d) of applied load

Resolution:

2,000 to 3,750 d standard
(Up to 10,000 d available)

Enclosure:

NEMA Type 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 and 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. 115/230 VAC battery charger is included

Operating Time:

Up to 80 hours between charging with typical use, less with optional RF Model

Temperature Rang e:

Operating: 14 °F to 104 °F (-10 °C to 40 °C)
Certified: 14 °F to 104 °F (-10 °C 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: 250 to 10,000 lb
OIML (Consult)
CE Marked (Consult)

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Options/Accessories

Part #	Description	Est. Weight	Price
140049	Battery assembly, 6 volt rechargeable	3 lb	Consult
139152	Universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)	5 lb	Consult
139153	Battery charger 115/230 VAC, 50/60 Hz (EC plug standard)	5 lb	Consult
197201	Battery charger, 115 VAC, 50/60 Hz (NA plug standard) CEC compliant	-	Consult
149549	Universal 115/230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	3 lb	Consult
178004	LaserLight2, 4 in (101 mm) six-digit RF scoreboard (requires MSI-3460 with RF modem)	21 lb	Consult
178006	LaserLight2, 6 in (152 mm) six-digit RF scoreboard (requires MSI-3460 with RF modem)	37 lb	Consult
Consult	AC power supply	-	Consult
140058	3460 AC conversion kit	-	Consult
Consult	Audible setpoint alarm	-	Consult
139395	Challenger retrofit to 3460 electronics	1 lb	Consult
139397	Challenger retrofit to 3460 RF electronics	-	Consult
173014	Rugged remote control (requires MSI-3460 with RF modem)	-	Consult
139381	MSI-8000 RF remote display (requires MSI-3460 with RF modem)	5 lb	Consult
153591	MSI-8000HD ScaleCore RF remote display (requires MSI-3460 with RF modem)	-	Consult
178281	MSI-8004HD AC, red/green 85~264 VAC, 47~440 Hz, 120~370 VDC	-	Consult

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