

MSI-3460 Challenger 3

Crane Scale

CRANE SCALES



Approvals



Standard Features

- Multi-color 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	Est. Weight	Price
207063	250 lb (125 kg) 0.1 lb (0.05 kg)	22 lb	Consult
208091	500 lb (250 kg) 0.2 lb (0.1 kg)	22 lb	Consult
207064	1,000 lb (500 kg) 0.5 lb (0.2 kg)	22 lb	Consult
208138	2,000 lb (1,000 kg) 1 lb (0.5 kg)	22 lb	Consult
207065	5,000 lb (2,500 kg) 2 lb (1 kg)	39 lb	Consult
208092	10,000 lb (5,000 kg) 5 lb (2 kg)	39 lb	Consult
207067	15,000 lb (7,000 kg) 5 lb (2 kg)	67 lb	Consult
207633	250 lb (125 kg), RF Modem 0.1 lb (0.05 kg)	22 lb	Consult
208096	500 lb (250 kg), RF Modem 0.2 lb (0.1 kg) 22 lb	22 lb	Consult
207635	1,000 lb (500 kg), RF Modem 0.5 lb (0.2 kg) 22 lb	22 lb	Consult
208140	2,000 lb (1,000 kg), RF Modem 1 lb (0.5 kg)	22 lb	Consult
207637	5,000 lb (2,500 kg), RF Modem 2 lb (1 kg) 39 lb	39 lb	Consult
208098	10,000 lb (5,000 kg), RF Modem 5 lb (2 kg) 39 lb	39 lb	Consult
207639	15,000 lb (7,000 kg), RF Modem 5 lb (2 kg) 67 lb	67 lb	Consult
207640	250 lb (125 kg), with Wi-Fi 0.1 lb (0.05 kg) 22 lb	22 lb	Consult
208100	500 lb (250 kg), with Wi-Fi 0.2 lb (0.1 kg) 22 lb	22 lb	Consult
207642	1,000 lb (500 kg), with Wi-Fi 0.5 lb (0.2 kg) 22 lb	22 lb	Consult
208141	2,000 lb (1,000 kg), with Wi-Fi 1 lb (0.5 kg) 22 lb	22 lb	Consult
207644	5,000 lb (2,500 kg), with Wi-Fi 2 lb (1 kg) 39 lb	39 lb	Consult
208102	10,000 lb (5,000 kg), with Wi-Fi 5 lb (2 kg) 39 lb	39 lb	Consult
207646	15,000 lb (7,000 kg), with Wi-Fi 5 lb (2 kg)	67 lb	Consult

Options

(Contact MSI for application consultation)

- RF modem install for connectivity to MSI-8000, MSI-8000HD RF, MSI-8004HD RF remote display, TranSend™ and LaserLight2 remote display (Typical range 100-300 ft line of sight)
- Rugged Remote (control for Off, Zero, Tare and other functions) (Requires 3460RF version, typical range 50 ft line of sight)
- Universal direct power supply (115/230 VAC)
- Audible alarm
- Wi-Fi communication is available for specialty applications

Specifications

Accuracy:

± 0.1% (+1 d) of applied load

Resolution:

2,500 d max standard
(up to 10,000 d max non-standard)

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, zero, tare, user (programmable)

Display:

Five-digit, 1.5 in (38 mm) LED with programmable brightness control; toggle between red, orange and green digits

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 link

Temperature Range:

Legal: 14 °F to 104 °F (-10 °C to 40 °C)
Industrial: -10 °F to 104 °F (-40 °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

Filtering:

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

Warranty:

One-year limited

Approvals:

NTEP 86-021: 250 to 10,000 lb
OIML R76/2006-A-NL1-21.36
*CE
*UKCA

*Contact RLWS MSI Sales for additional information

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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	5 lb	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 (100 mm) six-digit RF scoreboard (requires MSI-3460 with RF modem)	21 lb	Consult
178006	LaserLight2, 6 in (150 mm) six-digit RF scoreboard (requires MSI-3460 with RF modem)	37 lb	Consult
Consult	AC power supply	-	Consult
140058	3460 AC conversion kit	1 lb	Consult
Consult	Audible alarm	-	Consult
Consult	3460 retrofit kit	3 lb	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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