

MSI-3460 Challenger 3

Crane Scale

CRANE SCALES



Approvals



Consult

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	\$2,565.00
208091	500 lb (250 kg) 0.2 lb (0.1 kg)	22 lb	\$2,565.00
207064	1,000 lb (500 kg) 0.5 lb (0.2 kg)	22 lb	\$2,715.00
208138	2,000 lb (1,000 kg) 1 lb (0.5 kg)	22 lb	\$2,715.00
207065	5,000 lb (2,500 kg) 2 lb (1 kg)	39 lb	\$3,370.00
208092	10,000 lb (5,000 kg) 5 lb (2 kg)	39 lb	\$3,370.00
207067	15,000 lb (7,000 kg) 5 lb (2 kg)	67 lb	\$5,080.00
207633	250 lb (125 kg), RF Modem 0.1 lb (0.05 kg)	22 lb	\$2,730.00
208096	500 lb (250 kg), RF Modem 0.2 lb (0.1 kg) 22 lb	22 lb	\$2,730.00
207635	1,000 lb (500 kg), RF Modem 0.5 lb (0.2 kg) 22 lb	22 lb	\$2,885.00
208140	2,000 lb (1,000 kg), RF Modem 1 lb (0.5 kg)	22 lb	\$2,885.00
207637	5,000 lb (2,500 kg), RF Modem 2 lb (1 kg) 39 lb	39 lb	\$3,540.00
208098	10,000 lb (5,000 kg), RF Modem 5 lb (2 kg) 39 lb	39 lb	\$3,540.00
207639	15,000 lb (7,000 kg), RF Modem 5 lb (2 kg) 67 lb	67 lb	\$5,270.00
207640	250 lb (125 kg), with Wi-Fi 0.1 lb (0.05 kg) 22 lb	22 lb	\$2,870.00
208100	500 lb (250 kg), with Wi-Fi 0.2 lb (0.1 kg) 22 lb	22 lb	\$2,870.00
207642	1,000 lb (500 kg), with Wi-Fi 0.5 lb (0.2 kg) 22 lb	22 lb	\$3,020.00
208141	2,000 lb (1,000 kg), with Wi-Fi 1 lb (0.5 kg) 22 lb	22 lb	\$3,020.00
207644	5,000 lb (2,500 kg), with Wi-Fi 2 lb (1 kg) 39 lb	39 lb	\$3,675.00
208102	10,000 lb (5,000 kg), with Wi-Fi 5 lb (2 kg) 39 lb	39 lb	\$3,675.00
207646	15,000 lb (7,000 kg), with Wi-Fi 5 lb (2 kg)	67 lb	\$5,410.00

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

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Options/Accessories

Part #	Description	Est. Weight	Price
140049	Battery assembly, 6 volt rechargeable	3 lb	\$155.00
139152	Universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)	5 lb	\$200.00
139153	Battery charger 115/230 VAC, 50/60 Hz (EC plug standard)	5 lb	\$200.00
197201	Battery charger, 115 VAC, 50/60 Hz (NA plug standard) CEC compliant	5 lb	\$245.00
149549	Universal 115/230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	3 lb	\$165.00
178004	LaserLight2, 4 in (100 mm) six-digit RF scoreboard (requires MSI-3460 with RF modem)	21 lb	\$2,535.00
178006	LaserLight2, 6 in (150 mm) six-digit RF scoreboard (requires MSI-3460 with RF modem)	37 lb	\$3,005.00
Consult	AC power supply	-	\$325.00
140058	3460 AC conversion kit	1 lb	\$465.00
Consult	Audible alarm	-	\$420.00
Consult	3460 retrofit kit	3 lb	Consult
173014	Rugged remote control (requires MSI-3460 with RF modem)	-	\$355.00
139381	MSI-8000 RF remote display (requires MSI-3460 with RF modem)	5 lb	\$1,415.00
153591	MSI-8000HD ScaleCore RF remote display (requires MSI-3460 with RF modem)	-	\$1,541.00
178281	MSI-8004HD AC, red/green 85~264 VAC, 47~440 Hz, 120~370 VDC	-	\$2,120.00

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