

MSI-3460 Challenger 3



Standard Features

- Crane unit with five-digit, 38 mm 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 lb-10,000 lb capacities)

Additional Options

(Contact MSI for application consultation)

- Rugged remote control (control for Off, Zero, Tare and other functions)
- RF modem install for connectivity to MSI-8000, MSI-8000HD RF, MSI-8004HD RF remote display (30,5 m line of sight), TranSend and LaserLight2 remote display
- Universal direct power supply (115/230 VAC)
- Audible alarm
- Wi-Fi and Bluetooth® communication are available for specialty applications.



Optional rugged remote

Specifications

Accuracy:

+ or - 0,1% or +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:

Five-digit, 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 Modem

Operating Temperature:

-40° C to 40° C

Auto-Off Mode:

Select for 15, 30, 45, 60 minutes or select 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 - 125kg-5,000 kg
OIML (pending)

Approvals



pending



pending



Part Number/Price

Part #	MSI Part #	Description	Capacity	Resolution	Est. Weight	Price
139102	502887-0001	MSI-3460 125 kg/250 kg cap F/A	125 kg 250 kg	0,05 kg 0,1 kg	10 kg	Consult
139103	502887-0002	MSI-3460 500 kg/1.000 kg cap F/A	500 kg 1.000 kg	0,2 kg 0,5 kg	10 kg	Consult
139104	502887-0003	MSI-3460 2.500 kg/5.000 kg cap F/A	2.500 kg 5.000 kg	1 kg 2 kg	18 kg	Consult
139105	502887-0004	MSI-3460 7.000 kg cap F/A	7.000 kg	2 kg	30 kg	Consult
139110	502887-0005	MSI-3460 125 kg/250 kg cap F/A (with RF modem for connectivity to model MSI-8000 and remote)	125 kg 250 kg	0,05 kg 0,1 kg	10 kg	Consult
139111	502887-0010	MSI-3460 500 kg/1.000 kg cap F/A (with RF modem for connectivity to model MSI-8000 and remote)	500 kg 1.000 kg	0,2 kg 0,5 kg	10 kg	Consult
139112	502887-0011	MSI-3460 2.500 kg/5.000 kg cap F/A (with RF modem for connectivity to model MSI-8000 and remote)	2.500 kg 5.000 kg	1 kg 2 kg	18 kg	Consult
139113	–	MSI-3460RF 7.000 kg cap FA (with RF modem for connectivity to model MSI-8000 and remote) Capacity: 7,000 kg Resolution: 2 kg	7.000 kg	2 kg	30 kg	Consult
176905 *	–	MSI-3460 125 kg/250 kg cap F/A with Bluetooth®	125 kg 250 kg	0,05 kg 0,1 kg	10 kg	Consult
176906 *	–	MSI-3460 500 kg/1.000 kg cap F/A with Bluetooth®	500 kg 1.000 kg	0,2 kg 0,5 kg	10 kg	Consult
176907 *	–	MSI-3460 2.500 kg/5.000 kg cap F/A with Bluetooth®	2.500 kg 5.000 kg	1 kg 2 kg	18 kg	Consult
176908 *	–	MSI-3460 7.000 kg cap F/A with Bluetooth®	7.000 kg	2 kg	30 kg	Consult
176909	–	MSI-3460 125 kg/250 kg cap F/A with Wi-Fi	125 kg 250 kg	0,05 kg 0,1 kg	10 kg	Consult
176910	–	MSI-3460 500 kg/1.000 kg cap F/A with Wi-Fi	500 kg 1.000 kg	0,2 kg 0,5 kg	10 kg	Consult
176911	–	MSI-3460 2.500 kg/5.000 kg cap F/A with Wi-Fi	2.500 kg 5.000 kg	1 kg 2 kg	18 kg	Consult
176912	–	MSI-3460 7.000 kg cap F/A with Wi-Fi	7.000 kg	2 kg	30 kg	Consult

* Bluetooth modems only work with certain Android devices. Please contact office for potential applications.

Options/Accessories

Part #	MSI Part #	Description	Est. Weight	Price
140049	C00502-0001	Battery assembly, 6 volt rechargeable	1,4 kg	Consult
139152	502956-0001	Universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)	2,25 kg	Consult
139153	502956-0002	Battery charger 115/230 VAC, 50/60 Hz (EC plug standard)	2,25 kg	Consult
149549	503486-0001	Universal 115/230 VAC 50/60 Hz (NA plug standard) battery charger for MSI-8000 remote display	1,4 kg	Consult
178004		LaserLight 2 101 mm six-digit RF scoreboard (requires MSI-3460 with RF modem)	10 kg	Consult
178006		LaserLight 2 152 mm six-digit RF scoreboard (requires MSI-3460 with RF modem)	17 kg	Consult
Consult		AC power supply		Consult
Consult		Audible setpoint alarm		Consult
139395		Challenger retrofit to 3460 electronics	1 lb	Consult
173014		Rugged remote control (requires MSI-3460 with RF modem)		Consult
139381	503208-0001	MSI-8000 RF remote display (requires MSI-3460 equipped with RF modem)	2,25 kg	Consult
153591		MSI-8000HD ScaleCore RF remote display (requires MSI-3460 with RF modem)	—	Consult