

# MSI 176909-250 MSI-3460 CHALLENGER 3 Crane Scale with WiFi and ScaleConnect App Legal For Trade 250 x 0.1 lb

The original signature Challenger packaging has been upgraded to NEMA 4 / IP65 levels. Manufactured in the USA in strict compliance with the highest Safety Standards, Challenger continues to sustain minimum 200% safe and 500% ultimate load ratings.





## **Capacity x Readability**

Non Legal Mode:250 lb x 0.1

1b

Legal For Trade: 250 lb x 0.1

lb

Manufature: MSI SKU: **176909-250** Dimensions

X: 28.70 Y: 9.00 Z: 14.00 Weight: 22.00 lb



Please Call (800)832-0055

#### **Features**

Industry's standard crane scale for light to medium capacity applications The MSI-3460 "ScaleCore" measurement module features the industry leading weighing functions of previous Challenger designs plus much more. Long range viewing is enhanced with an ultra-bright LED digital display with 1.5 inch (38 mm) high digits with resolution settings of up to 10,000 divisions and precision 0.1% loading accuracy across an available capacity range of 250 to 15,000 lbs. Product operating time is extended to over 50 plus hours with a single 6-volt rechargeable battery.

The original signature Challenger packaging has been upgraded to NEMA 4 / IP65 levels. Manufactured in the USA in strict compliance with the highest Safety Standards, Challenger continues to sustain minimum 200% safe and 500% ultimate load ratings.

Available options include: RF remote control, MSI-8000 RF remote display and audible alarm. An electronics retrofit kit is available for customers who wish to upgrade their existing MSI-3260 or MSI-3360 Challengers to the new generation MSI-3460.

The MSI-3460 Crane Scale provides cost-effective light to medium capacity overhead weighing. For higher capacities, heavy duty, outdoor and continuous production use, MSI recommends MSI-4260, MSI-4300, MSI-6260CS or MSI-9300. Note: 15,000 lb (7,500 kg) unit comes standard with 12 ton top shackle.

### MSI-3460 Options and Accessories

- RF Remote Controller (typical range 50 feet /15 m)
- Universal Direct Power Supply (115/230 VAC)
- Audible Setpoint Alarm
- Spare Battery and Battery Charger
- Enhanced Resolution
- NTEP Legal for Trade (up to 10,000 lb)
- RF Module for Connectivity with MSI-8000 RF Remote Display
- Optional MSI-8000 RF Remote Display
- Retrofit Kit: Upgrades Models MSI-3260 and MSI-3360 to a MSI-3460

The MSI-3460 now features the ScaleCore measurement module providing industry leading weighing features of previous Challenger designs plus much more. Long range viewing is enhanced with a larger 1.5 inch (38 mm) ultra-bright LED digital display and resolution settings of up to 10,000 divisions for precise 0.1% loading accuracy over a broad capacity range from 250 to 15,000 lb. Product operating time is extended to over 80 plus hours with a single 6-volt rechargeable battery.

The original signature Challenger packaging has been upgraded to NEMA 4 / IP65 levels. Manufactured in the USA in strict compliance with the highest safety standards, Challenger continues to sustain minimum 200% safe and 500% ultimate overload ratings.

A ScaleCore electronics retrofit kit is available for upgrading existing MSI-3260 or MSI-3360 Challengers to new generation MSI-3460.

# **Specifications**

Standard Model	139102	151563	139103	151564	139104	151569	139105
	502887-0001		502887-0002		502887-0003		502887-0004
With RF Remote Controller	139106	151570	139107	151571	139108	151572	139109
	502887-0005		502887-0006		502887-0007		502887-0008
	control for On/Off, Zero, Tare and other funtctions						
With Modem Install for	139110	151573	139111	151576	139112	151577	139113
connectivity to Model MSI-8000	502887-0009		502887-0010		502887-0011		502887-0012
With Bluetooth and	176905-250	176905-500	176906-1K	176906-2K	176907-5K	176907-10K	176908
ScaleConnect App	Bluetooth an	d WiFI Mode	ls will NOT v	vork with any	/ MSI Remot	e Displays	
With WiFi and	176909-250	176909-500	176910-1K	176910-2K	176911-5K	176911-10K	176912
ScaleConnect App	Bluetooth and WiFI Models will NOT work with any MSI Remote Displays						
Specifications							
Capacity x Readability	250 x 0.1 lb	500 x 0.2 lb	1000 x 0.5 lb	2000 x 1 lb	5000 x 2 lb	10000 x 5 lb	15000 x 5 lb
	125 x 0.05 kg	250 x 0.1 kg	500 x 0.2 kg	1000 x 0.5 kg	2500 x 1 kg	5000 x 2 kg	7000 x 2 kg
Accuracy	± (0.1% +1d) of applied load						
Legal for Trade	NTEP CC 86-021A3	NTEP CC 86-021A3	NTEP CC 86-021A3	NTEP CC 86-021A3	NTEP CC 86-021A3	NTEP CC 86-021A3	-

**Display** 5 digit, 1.5 inch (38 mm) high LED; programmable brightness control **Filtering** Off, Lo, Hi-1, Hi-2 selectable Units Pounds or Kilograms selectable Resolution 2000-3750 divisions standard (Up to 10,000 d available) 6 Volt Rechargeable Battery (115/230 VAC Rapid Charge Battery Charger included) **Power Operating Time** Up to 50 hours depending on programmed operating mode Select for 15, 30, 45, 60 minutes or Off **Auto-Off Mode Auto Sleep** Power down during non-use and power up with weight change or any key press Mode Maintains two counters. The first counts number of lifts for inspection reminders and the **Service Counter** second counts overloads for safety warnings **Operating Temperature** -4° to +122°F (-20° to +50°C) Range **Enclosure** NEMA 4/IP65, powder coated alodined cast aluminum corrosion resistant Hook Crosby 360° non-bearing swivel

Safe Overload

**Ultimate Overload**  200% of rated capacity

500% of rated capacity

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