

**ELECTRONIC CRANE SCALE**

MSI • 3360

**CHALLENGER 2**INNOVATION THRU  
IMAGINATION

For safe, accurate  
weighing up to 5 tons.

The CHALLENGER 2 typifies that it is possible to take a great product and make it even better. We've combined the sound and proven mechanical design of the original Challenger with today's most advanced electronics to provide a superb feature set unmatched by any scale in its class or price range.

In comparison with its predecessor, Challenger 2 now leads the industry with 1.2 inch LED digits which can be read easily from over 50 feet away. Plus the scale's low

power consumption allows continuous use up to 100 hours between charging. Advanced electronics provide displayed menus of programmable features including: digital calibration, totalizing, peak hold, 3 levels of filtering, lbs/kg selection, adjustable display brightness, auto-sleep and set point control. All this is housed in a weather resistant, portable, low profile and robust package.

The original Challenger successfully fulfilled industry's weighing needs for years. Now Challenger 2 arrives in time to serve industry well into the next century.



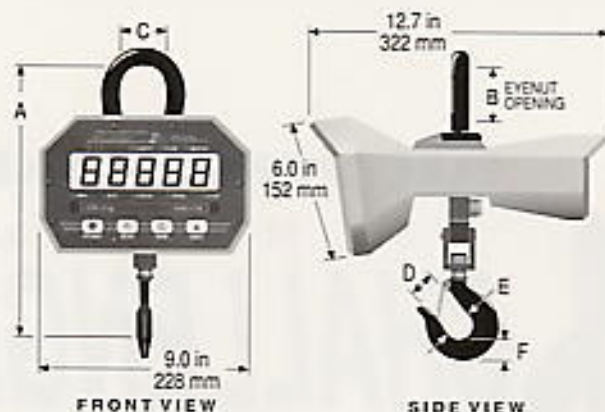
The optional multi-function hand-held remote controller allows the operator freedom to easily program the scale from a distance.

MSI quality products are sold and serviced worldwide by factory authorized distributors and backed by a full one year warranty.

MADE IN THE  
**USA**

# MSI-3360 CHALLENGER 2 SPECIFICATIONS

The MSI-3360 crane scale is an ideal unit for the cost-conscious user for light capacity use. For higher capacities, heavy-duty, outdoor and continuous production use, MSI recommends MSI-4260, MSI-4300 or MSI-6260.



## DIMENSIONS AND SPECIFICATIONS

CAPACITY	RESOLUTION	A	B	C	D	E	F	APPROX. SHIP WT.
250 lbs	0.1 lb	11.94 in	2.45	2.0	1.12	1.63	1.12	22 lb
125 kgs	.05 kg	303 mm	62	51	28	41	28	10 kg
500 lbs	0.2 lb	11.94 in	2.45	2.0	1.12	1.63	1.12	22 lb
250 kgs	0.1 kg	303 mm	62	51	28	41	28	10 kg
1,000 lbs	0.5 lb	11.94 in	2.45	2.0	1.12	1.63	1.12	22 lb
500 kgs	0.2 kg	303 mm	62	51	28	41	28	10 kg
2,000 lbs	1 lb	11.94 in	2.45	2.0	1.12	1.63	1.12	22 lb
1,000 kgs	0.5 kg	303 mm	62	51	28	41	28	10 kg
5,000 lbs	2 lb	16.67 in	3.40	2.45	1.80	2.5	1.81	39 lb
2,500 kgs	1 kg	423 mm	86	62	46	64	46	18 kg
10,000 lbs	5 lb	16.67 in	3.40	2.45	1.80	2.5	1.81	39 lb
5,000 kgs	2 kg	423 mm	86	62	46	64	46	18 kg

CONSULT FACTORY FOR HIGHER CAPACITIES. SPECIFICATIONS SUBJECT TO CHANGE.

## STANDARD PRODUCT SPECS

- Accuracy:** Plus or minus 0.1% of applied load
- Display:** 5 digit, 1.2 in./30 mm high manual or photocell LED brightness control
- Filtering:** Low, Medium or High selectable
- Units:** Pounds or Kilograms selectable
- Resolution:** 2000 or 2500 divisions standard (up to 10,000 available)
- Power:** 6 volt rechargeable battery (115 or 230 VAC charger included)
- Operating Time:** 50 hrs. min. / 100 hrs. max. (depends on operating mode)
- Auto-Off Mode:** Select for 12 min., 1 hr. or Off
- Auto-Sleep Mode:** Power down during non-use and power up with motion for maximum battery conservation
- Service Counter:** Registers number of lifts by value for inspection and maintenance reminder
- Operating Temperature Range:** -4° to +122° F (-20° to +50° C)
- Enclosure:** NEMA 12/IP54 powder coated Anodized Cast Aluminum
- Hook:** Crosby-Laughlin or equivalent 360° non-bearing swivel
- Safe Overload:** 200% of rated capacity
- Ultimate Overload:** 500% of rated capacity

## FUNCTION SWITCHES AND LIGHTS

- POWER:** Turns unit ON or OFF
- ZERO:** Zeros applied load up to 100% of capacity (limited range with NIST or OIML option)
- TARE IN:** Tares applied load and displays weight in Net mode
- TARE OUT:** Returns weight display to Gross mode
- USER:** User programmable multifunction switch for use as TEST, UNIT select, TOTAL (auto or manual), PEAK HOLD and SET POINTS
- ANNUNCIATORS:** Center of Zero, Net, Gross, Total, Peak, x 1000, Battery, lb/kg, Motion SP1 and SP2

## OPTIONS AND ACCESSORIES

- NIST or OIML (specific approvals may be pending. Contact factory for availability)
- Infrared remote controller with 8 meter operating range
- 115 or 230 VAC input power
- Special capacity or displayable resolution

## OTHER HEAVY-DUTY MSI CRANE SCALES



For heavy-duty, high heat or hazardous use applications. See MSI-4260 Port-A-Weigh specification sheet. Capacities from 500 pounds to 250 tons.



For heavy-duty and multi-task applications. See MSI-4300 Porta-Weigh Plus specification sheet. Capacities from 500 pounds to 250 tons.



For heavy-duty applications requiring remote radio telemetry display and/or computer/printer interface. See MSI-6260 Trans-Weigh specification sheet. Capacities from 500 pounds to 250 tons.