

MSI-9600HT Hi-torque Port-A-Weigh Plus

Crane Scale

CRANE SCALES



Approvals



Standard Features

- Multi-color LED display
- 12 volt rechargeable battery and universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)
- Shackle is optional and Crosby® fixed hook provided as standard
- Hi-torque load train designed for use with powered rotation

Part Number/Price

Part #	Description	Resolution	Est. Weight	Price
214371	10,000 lb (5000 kg) F/A	2.0 lb (1.0 kg)	62 lb	Consult
214370	30,000 lb (15,000 kg) F/A	10 lb (5.0 kg)	125 lb	Consult
214369	70,000 lb (35,000 kg) F/A	20 lb (10 kg)	270 lb	Consult
214477	100,000 lb (50,000 kg) F/A	20 lb (10 kg)	420 lb	Consult
214474	120,000 lb (60,000 kg) F/A	50 lb (20 kg)	550 lb	Consult
214479*	200,000 lb (100,000 kg) F/A	100 lb (50 kg)	1,100 lb	Consult

* 400% Ultimate overload

Options/Accessories

Part #	Description	Est. Weight	Price
144126	Top lifting shackle 9.5 ton for 10,000 lb cap unit	-	Consult
141992	Top lifting shackle Crosby® G2130 17 ton for 30,000 lb cap unit	-	Consult
146335	Top lifting shackle Crosby® G2140 40 ton for 70,000 lb cap unit	-	Consult
146336	Top lifting shackle Crosby® G2140 55 ton for 120,000 lb cap unit	-	Consult
150971	MSI RF modem option kit (used in MSI-4260, MSI-4260M, MSI-9600HT)	3 lb	Consult
173014	RF Rugged Remote control (requires MSI-9600HT with RF modem)	3 lb	Consult
153591	MSI-8000HD RF remote display AC powered (no A/D)	180 lb	Consult
178004	LaserLight2, 4 in (100 mm) six-digit RF scoreboard	21 lb	Consult
178006	LaserLight2, 6 in (150 mm) six-digit RF scoreboard	37 lb	Consult
159221	Universal crane scale transport cart	-	Consult
Consult	AC direct power supply	-	Consult
Consult	Anti-heat shield	-	Consult
Consult	Audible alarm	-	Consult
176956	Wi-Fi modem option kit (used in MSI-4260, MSI-4260M, MSI-6360, MSI-9600HT)	-	Consult
219713	Retrofit kit	-	Consult
Accessories			
150367	Battery assembly, 12 V rechargeable	7 lb	Consult
138006	Universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)	4 lb	Consult
138007	Universal 115/230 VAC, 50/60 Hz battery charger (UK plug standard)	4 lb	Consult
138008	Universal 115/230 VAC, 50/60 Hz battery charger (EC plug standard)	4 lb	Consult

*Please review the Overhead Weighing Safety Guide

Options

(Contact MSI for application consultation)

- Top shackle
- Rugged Remote
- Anti-heat shielding
- Substitute bottom hook with shackle
- Oversized top or shackle
- Oversized bottom hooks
- Universal direct power supply
- Wi-Fi communication
- RF modem install for connectivity to MSI-8000, MSI-8000HD RF, MSI-8004HD RF remote display, TranSend™ and LaserLight2™ remote display
- Typically 100 to 300 ft, line of sight; for longer range consult factory
- Low headroom top adapter
- Audible alarm
- Custom top and bottom interfaces

Specifications

Power:

12 V rechargeable battery, 115/230 VAC battery charger included

Resolution:

2,400 to 5,000 d standard
(Up to 10,000 d available)

Accuracy:

10,000 to 120,000 lb: ± (0.1% +1 d) of capacity
200,000 lb: ± (0.2% +1 d) of capacity

Display:

1.5 in (38 mm, 6-digit, programmable LED display, multi-color (red, orange, and green)

Displayable Units:

Pounds or kilograms selectable

Keys/Buttons:

Power: Turns unit on or off
Zero: Zeros applied load up to 100% of capacity
Tare: Tares applied load and displays weight in net
Mode F1: Programmable as test, units, net/gross, total and peak hold

Temperature:

Operating: 14 °F to 131 °F (-10 °C to 55 °C)

Rating/Material:

NEMA Type 4, IP66, marine grade 356 alloy anodized cast aluminum

Design Overload:

200% Safe / 500% Ultimate (except where noted)

Operating Time:

Up to 250 hours w/o radio
Up to 75 hours w/ radio

Auto-Off Mode:

Powers off after the scale is not used for the set time (in minutes); 15, 30, 45, 60 or off selectable

Auto Sleep Mode:

Power down during non-use after the set time (in minutes) and powers up with weight change or any key press; 5, 15, 30 or OFF selectable

Service Counters:

Counts number of lifts over percentage of capacity and lifts over capacity

Filtering:

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

Radio Link:

802.15.4 at 2.4 GHz

Radio Link Effective Range:

Typically 100 to 300 ft line of sight

Warranty:

One-year limited

Approvals:

NOM