

# MSI-9300 Port-A-Weigh Plus CellScale™ RF



## Standard Features

- Crane unit with 2.4 GHz spread spectrum transceiver
- Six-digit, 1.2 in (30 mm) LED display and annunciators
- Top lifting eye or shackle, bottom thrust bearing swivel hook
- 12 volt rechargeable battery and universal 115/230 VAC, 50/60 Hz battery charger (NA Plug Standard)
- NTEP Certified configuration

## Options

(Contact MSI for application consultation)

- RF remote crane unit control, includes On/Off, Zero, Tare, Net/Gross, Total and programmable function keys
- Audible alarm
- Anti-heat shielding for high-temperature applications
- Substitute bottom swivel hook with shackle
- Low headroom top adapter
- Oversized top lifting eye or shackle
- Oversized bottom hook
- Universal direct power supply; 85-265 VAC, 47-440 Hz / 130-300 VDC
- Wireless 802.11 b/g Ethernet connectivity
- MSI-9300 retrofit kit - conversion kit to upgrade existing MSI-4300 crane scale to 9300 RF unit
- Custom top and bottom interfaces
- Potential receivers: MSI-9850, 9750A, remote RF Indicators (each sold separately)
- Crane scale cart

## Approvals



## Specifications

### Accuracy:

± (0.1% +1 d) of capacity

### Resolution:

3,000 to 5,000 d standard  
(Up to 10,000 d available)

### Enclosure:

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

### Lifting Eye, Shackle & Hook:

Crosby® or equal with 360° thrust-bearing swivel hook

### Design Overload:

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

### Functions:

Power, zero, net/gross, tare and programmable test/user

### Display:

Six digit, 1.2 in (30 mm) LED with 14 feature annunciators and programmable brightness control

### Displayable Units:

Pounds or kilograms selectable

### Power:

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

### Operating Time:

Up to 30 hours between charging with typical use

### Operating Temperature:

-4°F to 140°F (-20°C to 60°C)  
Legal for Trade: 14°F to 104°F (-10°C to 40°C)

### Calibration:

Digital via MSI-9750A or MSI-9850 RF indicators or via serial interface with PC terminal program

### Filtering:

LO, Medium and HI selectable

### Radio Link:

FHSS at 2.4 GHz

### Radio Effective Range:

Typically 500 ft (150 m) indoor, 1000 ft (300 m) outdoor with standard antennas

### Approvals:

NTEP CC 07-007; 5,000 - 70,000 lb  
(2,500 - 35,000 kg capacities)

### Warranty:

One-year limited



Optional crane scale cart

# MSI-9300 Port-A-Weigh Plus CellScale™ RF

## Part Number/Price

Part #	MSI Part #	Description	Capacity	Resolution	Est. Weight	Price
138704	502654-0001	MSI-9300 500 lb F/A	500 lb (250 kg)	0.2 lb (0.1 kg)	53 lb	Consult
138705	502654-0002	MSI-9300 2,000 lb F/A	2,000 lb (1,000 kg)	1.0 lb (0.5 kg)	53 lb	Consult
138706	502654-0003	MSI-9300 5,000 lb F/A	5,000 lb (2,500 kg)	1.0 lb (0.5 kg)	62 lb	Consult
138707	502654-0004	MSI-9300 10,000 lb F/A	10,000 lb (5,000 kg)	2.0 lb (1.0 kg)	62 lb	Consult
138409	502518-0005	MSI-9300 20,000 lb F/A	20,000 lb (10,000 kg)	5.0 lb (2.0 kg)	105 lb	Consult
138410	502518-0006	MSI-9300 30,000 lb F/A	30,000 lb (15,000 kg)	10 lb (5.0 kg)	125 lb	Consult
138419*	502518-0015	MSI-9300 50,000 lb F/A	50,000 lb (25,000 kg)	10 lb (5.0 kg)	235 lb	Consult
138420**	502518-0016	MSI-9300 70,000 lb F/A	70,000 lb (35,000 kg)	20 lb (10 kg)	270 lb	Consult
138421***	502518-0017	MSI-9300 100,000 lb F/A	100,000 lb (50,000 kg)	20 lb (10 kg)	420 lb	Consult

## Options/Accessories

Part #	MSI Part #	Description	Est. Weight	Price
159625	N/A	MSI-9850 RF remote indicator (wall or desk mount)	10 lb	Consult
138486	502541-0001	MSI-9750 RF portable indicator	2 lb	Consult
139056	N/A	4 in (101 mm) six-digit RF scoreboard	21 lb	Consult
139052	N/A	6 in (152 mm) six-digit RF scoreboard	37 lb	Consult
138341	502488-0001	Universal mounting bracket for MSI-9850 RF remote indicator	2 lb	Consult
159221	N/A	Universal crane scale transport cart	180 lb	Consult
138298	502434-0001	RF remote controller	1 lb	Consult
138317	502452-0001	Spare RF remote	1 lb	Consult
Consult	N/A	AC power supply	-	Consult
Consult	N/A	Anti-heat shield	-	Consult
Consult	N/A	Audible alarm	-	Consult
Consult	N/A	Wi-Fi Ethernet option	-	Consult
138452	502520-0001	Retrofit kit 4300 D cell to 9300 12 Volt	1 lb	Consult
138453	502520-0002	Retrofit kit 4300 D cell to 9300 no modem	1 lb	Consult
138454	502520-0003	Retrofit kit 4300 to 9300	1 lb	Consult
138455	502520-0004	Retrofit kit 4300 to 9300 no modem	1 lb	Consult
<b>9300 Sub Hook with Shackle</b>				
Consult	N/A	500 to 10,000 lb, 6.5 ton shackle	-	Consult
Consult	N/A	20,000 to 30,000 lb, 17 ton shackle	-	Consult
Consult	N/A	50,000 lb, 25 ton shackle	-	Consult
Consult	N/A	70,000 lb, 40 ton shackle	-	Consult
Consult	N/A	100,000 lb, 55 ton shackle	-	Consult
<b>9300 Oversize Lifting Eye/Shackle</b>				
Consult	N/A	500 to 10,000 lb capacity	-	Consult
Consult	N/A	20,000 to 30,000 lb capacity, adapter with 25 ton shackle	-	Consult
Consult	N/A	50,000 to 70,000 lb capacity	-	Consult
Consult	N/A	100,000 lb capacity	-	Consult
<b>Accessories</b>				
150367	D00559-0004	Battery assembly, 12 volt rechargeable	7 lb	Consult
148624	501705-0001	RS-232/RS-485 serial cable	1 lb	Consult
138006	502221-0001	Universal 115/230 VAC, 50/60 Hz battery charger (NA plug standard)	4 lb	Consult
138007	502221-0002	Universal 115/230 VAC, 50/60 Hz battery charger (UK plug standard)	4 lb	Consult
138008	502221-0003	Universal 115/230 VAC, 50/60 Hz battery charger (EC plug standard)	4 lb	Consult

\* 490% of kg capacity

\*\* 475% of lb capacity/430% of kg capacity

\*\*\* 450% of kg capacity