Part Number/Price

Indicator

Part #	Description	Price
178265	MSI-8004HD Indicator, 4CH AC, Red/Green 85~264 VAC, 47~440 Hz, 120~370 VDC	$1,830.00
178269	MSI-8004HD Indicator, 4CH DC 8-32 V, Red/Green Best for external 12V SLA Batteries	$1,865.00
178271	MSI-8004HD Indicator, 4CH DC 9-36 V Iso, Red/Green Do not use on 12V Vehicle Systems	$1,945.00
178274	MSI-8004HD Indicator, 4CH DC 18-75V Iso, Red/Green	Consult
178278	MSI-8004HD Indicator, 4CH DC 5V, Red/Green For use with external 15W, 5V Power Supplies	Consult
183481	MSI-8004HD Indicator, 4CH 5V Red/Green with external rechargeable battery	$1,840.00
196904	MSI-8004HD Indicator, 4CH AC, Red/Green Instant Power-On, 85-264VAC	$2,025.00

Remote Display

Part #	Description	Price
178281	MSI-8004HD Display, AC, Red/Green 85~264 VAC, 47~440 Hz, 120~370 VDC	$1,785.00
178283	MSI-8004HD Display, DC, 8-32 V, Red/Green Best for external 12 V SLA Batter	$1,745.00
178285	MSI-8004HD Display, DC, 9-36 V Iso, Red/Green Do not use on 12 V Vehicle Systems	$1,820.00
183479	MSI-8004HD Display, 4CH 5V Red/Green with external rechargeable battery	$1,580.00

Options

Part #	Description	Price
148624	Serial Cable, RS-232 9000 Serial Cable, DCE	$115.00
139309	Antenna Kit, Long Range Omni-directional, 9 dBi with 3 m Coax Intended for omni-directional mast mounting (up to 2" Ø). Beam-width. Must be mounted vertically.	$435.00
139310	Antenna Kit, Corner Reflector, 9 dBi with 3 m coax intended for directional wall or mast mounting (up to 2" Ø). Beam-width: 75° Elevation, 65° Azimuth	$430.00
139311	Antenna Kit, Corner Reflector, 12 dBi with 3 m coax intended for directional wall or mast mounting (up to 2" Ø). Beam-width: 50° Elevation, 36° Azimuth	$460.00
139312	Antenna Kit, YAGI, 15 dBi with 3 m coax highly directional wall or mast mounting (up to 2" Ø). Beam-width: 30° Elevation, 34° Azimuth	$355.00
139313	Antenna Kit, Vehicle Mount, 5 dBi with 5 m coax omni-directional. Mounts in 3/4" Hole.	$130.00
162178	Antenna extension kit, 5ft	$415.00
197013	Antenna extension kit, 20 ft	$445.00
155173	Option kit, tilt stand	$75.00
171203	Audible alarm Not compatible with battery versions 22436	$315.00
22436	Cable, Comm DB9F 9 Pin Fem One end stripped and tinned on other end 6' Pin 2 (Brown) Pin 3 (Red) Pin 5 (Yellow) For use with MSI-8004HD serial ports to connect to: Scoreboard displays, printers, computers & other equipment that supports RS-232	$65.00
183437	Battery, 5V Li-ion battery with USB power ports. Output 5V/3.0A per port (6.0 A max)Rate, 2A per port (4A if both ports are used)	$200.00
184132 *	8004 option kit, Bluetooth® with SMA antenna	Consult
184131	8004 option kit, WiFi with SMA antenna	$170.00
187424	8004 option kit, 2nd Xbee with TNC antenna	$180.00
182224	Power Adapter, 12 VDC 5 VDC Dual USB Car Charger plus 3 ft USB Cable	$50.00

Relays

Part #	Description	Price
172500	Expanded Relays Option Kit, four-channel, 3A, 60VPK SSR form C	$1,025.00
172501	Expanded Relays Option Kit, eight-channel, 3A 60VPK, SSR form C	$1,365.00
Consult	Expanded Relays Option Kit, four-channel, 0.9A 200VPK, AC/DC SSR	$750.00
172502	Expanded Relays Option Kit, eight-channel, 0.9A 200VPK, SSR form C	$1,195.00
172492	Expanded Relays Option Kit, four-channel, 12A 5V, momentary	$725.00
172495	Expanded Relays Option Kit, eight-channel, 12A 5V, momentary	$750.00
172490	Expanded Relays Option Kit, four-channel, 12A 5V, latching relays	$745.00
171676	Expanded Relays Option Kit, eight-channel, 12A 5V, latching relays	$805.00

* ScaleConnect app only works with certain Android devices. Please contact Rice Lake for potential applications.

INDICATORS / CONTROLLERS

www.ricelake.com | Phone: 800-472-6703

MotoWeigh® IMW
In-Motion Conveyor Scale and Checkweigher

Standard Features

Software
- Four levels of security
- Real-time statistical information
- Product report
- Statistical report
- Parameter report
- User report
- Store up to 1,000 different products
- Five zone classification

Control Panel
- 1280 controller (non-NTEP Certified only)
- Power disconnect with lock-out/tag-out
- E-stop
- VFD (variable frequency drive)
- Motor overloads

Hardware
- Square tube construction (SST or aluminum)
- 32 in height from top of belt with ±2.5 inch of adjustment
- Modular belting
- Drive on right side of belt (looking down belt flow)
- Control panel mounted on left side of belt (looking down belt flow)

Options:

- Divert methods:
  - Pneumatic pusher
  - Air blast
  - Drop conveyor
  - Paddle
  - Secondary diverter in series or parallel
- One, three or five zone communication tower
- Audible alarm (non-washdown only)
- Draft shields
- Drop chutes
- Pull cord E-stops
- Portability package (non-NTEP Certified only)
- Conveyor guide rails (round or flat)
- Custom programming available
- Food-grade SST angle construction, NEMA Type 4X IP66 washdown systems
- Meets HACCP requirements
- UL 508
- Bar code scanner
- Metal detection
- 920i MotoWeigh indicator NTEP Certified Legal for Trade (up to 2,000 divisions /60 ppm)
- Filling machine feedback
- Pacing conveyor

APPROVALS

NTEP

with 920i only

UL LISTED c US

Optional

Specifications

Construction, three types of systems:
Stainless steel food-grade
Stainless steel non-food-grade
Aluminum non-food-grade

Configurations:
Checkweigher
Conveyor scale

Speed:
Up to 240 ft per minute

Container Types:
Boxes, bags, pouches, trays, tubs, cups, blister packs, display packs, clam shells

Container Weights:
Up to 200 lb
Resolution down to 0.01 lb/5 g, or better (dependent on scale capacity)

Belts:
Interlox® Habasit®

Power Configuration:
110 VAC single phase, 60 Hz
230/460 VAC 3 phase, 60 Hz

Approvals:
Optional NTEP: 60 ppm at 2,000 divisions (with 920i only)
Optional: UL 508

Warranty:
Two-year limited warranty (excludes powertrain and wear parts)

Checkweigher Packages

- NTEP Certified and non-NTEP Certified packages available in stainless steel and aluminum for food and non-food-grade applications.

Checkweigher Packages Include:
- Common framework for mounting conveyor scale on same frame as infeed conveyor and indicator
- Basic control enclosure to interconnect wiring from photo eyes and divert solenoid and conveyor on/off/E-stop