

MotoWeigh® Metal Detector



Standard Features

Software

- Four levels of security
- Easy setup and product learning
- Easily change product boundaries/rejection
- One touch log reporting
- Eight fields of data recorded on large hard drive
- USB, Ethernet and RS485 communication ports
- English or Spanish

Hardware

- 7 in color touchscreen interface
- 304 stainless steel construction
- NEMA Type 4X, 304 stainless steel housing and enclosure
- IP66 rated
- Easily removable belt
- Adjustable foot pads or casters
- Single-point junction box
- Anti-static UHMW slider bed

Options and Accessories

- Reject mechanism
 - Paddle
 - Linear
 - Drop
- Lock box
- IP69K
- Ferrous, non-ferrous, and 316 stainless steel test wands; individual wands and kits
- LED communication tower
- Audible alarm

Specifications

Construction:

304 stainless steel

Display:

7 in color touchscreen

Language Support:

English and Spanish

Inputs:

Eight configurable (for photo eyes, remote emergency stop, etc.) that can be set to active high or active low

Outputs:

Nine programmable (for reject mechanism, system faults, system warnings, etc.)

Speed:

Up to 240 ft/minute (73 m/min) depending on configuration

Operating Temperature:

Integral control 14° F (-10° C) to 120° F (49° C)

Storage Temperature:

14° F (-10° C) to 175° F (80° C)

Maximum Operating Altitude:

6,561 ft (2,000 m)

Power Requirements:

100 to 240 VAC, 50 or 60 Hz

APPROVALS



Part Number/Price

| Part # | Main Systems | Price |
|-------------------------------------|---|---------|
| Metal Detector Only | | |
| 170657 | Metal Detector Head 8 in x 4 in | Consult |
| 170659 | Metal Detector Head 8 in x 6 in | Consult |
| 170660 | Metal Detector Head 8 in x 8 in | Consult |
| 170669 | Metal Detector Head 8 in x 10 in | Consult |
| 170670 | Metal Detector Head 8 in x 12 in | Consult |
| 170671 | Metal Detector Head 14 in x 6 in | Consult |
| 170672 | Metal Detector Head 14 in x 8 in | Consult |
| 170673 | Metal Detector Head 14 in x 10 in | Consult |
| 170674 | Metal Detector Head 14 in x 12 in | Consult |
| 170692 | Metal Detector Head 14 in x 14 in | Consult |
| 170675 | Metal Detector Head 20 in x 6 in | Consult |
| 170676 | Metal Detector Head 20 in x 8 in | Consult |
| 170677 | Metal Detector Head 20 in x 10 in | Consult |
| 170678 | Metal Detector Head 20 in x 12 in | Consult |
| 170679 | Metal Detector Head 20 in x 14 in | Consult |
| 170680 | Metal Detector Head 20 in x 16 in | Consult |
| 170681 | Metal Detector Head 20 in x 18 in | Consult |
| 170682 | Metal Detector Head 20 in x 20 in | Consult |
| 186289 | Metal Detector Head 26 in x 6 in | Consult |
| 170683 | Metal Detector Head 26 in x 8 in | Consult |
| 170684 | Metal Detector Head 26 in x 10 in | Consult |
| 170685 | Metal Detector Head 26 in x 12 in | Consult |
| 170686 | Metal Detector Head 26 in x 14 in | Consult |
| 170687 | Metal Detector Head 26 in x 16 in | Consult |
| 170688 | Metal Detector Head 26 in x 18 in | Consult |
| 170689 | Metal Detector Head 26 in x 20 in | Consult |
| Metal Detector with Conveyor | | |
| 170695 | Metal Detection System 8 in x 4 in Head, 6 in x 60 in Conveyor | Consult |
| 170704 | Metal Detection System 8 in x 6 in Head, 6 in x 60 in Conveyor | Consult |
| 170705 | Metal Detection System 8 in x 8 in Head, 6 in x 60 in Conveyor | Consult |
| 170706 | Metal Detection System 8 in x 10 in Head, 6 in x 60 in Conveyor | Consult |
| 170707 | Metal Detection System 8 in x 12 in Head, 6 in x 60 in Conveyor | Consult |
| 170708 | Metal Detection System 14 in x 6 in Head, 12 in x 60 in Conveyor | Consult |
| 170709 | Metal Detection System 14 in x 8 in Head, 12 in x 60 in Conveyor | Consult |
| 170710 | Metal Detection System 14 in x 10 in Head, 12 in x 60 in Conveyor | Consult |
| 170711 | Metal Detection System 14 in x 12 in Head, 12 in x 60 in Conveyor | Consult |
| 170712 | Metal Detection System 14 in x 14 in Head, 12 in x 60 in Conveyor | Consult |
| 170713 | Metal Detection System 20 in x 6 in Head, 18 in x 72 in Conveyor | Consult |
| 170714 | Metal Detection System 20 in x 8 in Head, 18 in x 72 in Conveyor | Consult |
| 170715 | Metal Detection System 20 in x 10 in Head, 18 in x 72 in Conveyor | Consult |
| 170716 | Metal Detection System 20 in x 12 in Head, 18 in x 72 in Conveyor | Consult |
| 170717 | Metal Detection System 20 in x 14 in Head, 18 in x 72 in Conveyor | Consult |
| 170718 | Metal Detection System 20 in x 16 in Head, 18 in x 72 in Conveyor | Consult |
| 170719 | Metal Detection System 20 in x 18 in Head, 18 in x 72 in Conveyor | Consult |
| 170720 | Metal Detection System 20 in x 20 in Head, 18 in x 72 in Conveyor | Consult |
| 186290 | Metal Detection System 26 in x 6 in Head, 24 in x 84 in Conveyor | Consult |
| 170721 | Metal Detection System 26 in x 8 in Head, 24 in x 84 in Conveyor | Consult |
| 170722 | Metal Detection System 26 in x 10 in Head, 24 in x 84 in Conveyor | Consult |
| 170723 | Metal Detection System 26 in x 12 in Head, 24 in x 84 in Conveyor | Consult |
| 170724 | Metal Detection System 26 in x 14 in Head, 24 in x 84 in Conveyor | Consult |
| 170725 | Metal Detection System 26 in x 16 in Head, 24 in x 84 in Conveyor | Consult |
| 170726 | Metal Detection System 26 in x 18 in Head, 24 in x 84 in Conveyor | Consult |
| 170727 | Metal Detection System 26 in x 20 in Head, 24 in x 84 in Conveyor | Consult |

MotoWeigh® Metal Detector

IN-MOTION WEIGHING

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

RICE LAKE

Options/Accessories

| Part # | Main Systems | Price |
|--|---|---------|
| 186279 | Information tower | Consult |
| 186280 | Remote electronics with up to 100 ft of cable | Consult |
| 186281 | Constant voltage transformer in NEMA Type 4X enclosure | Consult |
| 186282 | PLC module | Consult |
| 186283 | Critical spares kit | Consult |
| 186284 | Preventive kit | Consult |
| Ferrous (Mild Steel) Test Wands | | |
| 168370 | 1.0 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168383 | 1.2 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168384 | 1.5 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168385 | 1.8 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168386 | 2.0 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168387 | 2.2 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168388 | 2.5 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168389 | 2.8 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168390 | 3.0 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168391 | 3.1 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168392 | 3.25 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168393 | 3.5 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168394 | 4.0 mm Ferrous (Mild Steel) Test Wand | Consult |
| 168395 | 4.5 mm Ferrous (Mild Steel) Test Wand | Consult |
| Non-Ferrous (Brass) Test Wands | | |
| 168411 | 1.0 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168413 | 1.2 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168414 | 1.5 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168415 | 1.8 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168416 | 2.0 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168418 | 2.2 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168420 | 2.5 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168421 | 2.8 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168422 | 3.0 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168423 | 3.2 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168424 | 3.5 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168425 | 4.0 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168426 | 4.5 mm Non-Ferrous (Brass) Test Wand | Consult |
| 168427 | 5.0 mm Non-Ferrous (Brass) Test Wand | Consult |
| 316 Stainless Steel Test Wands | | |
| 168428 | 1.5 mm 316 Stainless Steel Test Wand | Consult |
| 168429 | 1.8 mm 316 Stainless Steel Test Wand | Consult |
| 168430 | 2.0 mm 316 Stainless Steel Test Wand | Consult |
| 168431 | 2.2 mm 316 Stainless Steel Test Wand | Consult |
| 168432 | 2.5 mm 316 Stainless Steel Test Wand | Consult |
| 168433 | 2.8 mm 316 Stainless Steel Test Wand | Consult |
| 168434 | 3.0 mm 316 Stainless Steel Test Wand | Consult |
| 168435 | 3.1 mm 316 Stainless Steel Test Wand | Consult |
| 168436 | 3.4 mm 316 Stainless Steel Test Wand | Consult |
| 168437 | 4.0 mm 316 Stainless Steel Test Wand | Consult |
| 168438 | 4.5 mm 316 Stainless Steel Test Wand | Consult |
| 168439 | 5.0 mm 316 Stainless Steel Test Wand | Consult |
| 168440 | 5.5 mm 316 Stainless Steel Test Wand | Consult |
| 168441 | 6.0 mm 316 Stainless Steel Test Wand | Consult |
| Test Wand Kits | | |
| 168445 | Master Kit (Ferrous 1.0 - 4.5 mm, Non-Ferrous 1.0 - 5 mm, 316 Stainless Steel 1.5 - 6.0 mm) | Consult |
| 168442 | Ferrous Kit (1.0 - 4.5 mm) | Consult |
| 168443 | Non-Ferrous Kit (1.0 - 5.0 mm) | Consult |
| 168444 | 316 Stainless Steel Kit (1.5 - 6.0 mm) | Consult |