

MotoWeigh® Metal Detector



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

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

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



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IN-MOTION WEIGHING

www.weigh-tech.com | Phone: (281) 474-5277



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