

MotoWeigh® Metal Detector



Approvals



Part Number/Price

Part #	Main Systems	Price
Consult	Please consult factory for configuration and pricing	Consult

Options/Accessories

Part #	Main Systems	Price
200804	Caster package, MotoWeigh set of 4 - 2 swivel and 2 fixed casters for MotoWeigh metal detection conveyors	Consult
186279	Information tower includes buzzer	Consult
186280	Remote electronics with up to 100 ft of cable	Consult
186281	AC power conditioner in NEMA Type 4X enclosure	Consult
186282	PLC module for Ethernet IP interface (factory installed only)	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

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
- Up to 97 products
- English or Spanish

Hardware

- 7-inch 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 optional casters
- Single-point junction box
- Anti-static UHMW slider bed
- Variable speed control

Options

- 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 alarms
- Caster package
- Guide rails
- AC power conditioner

Specifications

Construction:

304 stainless steel

Display:

7-inch 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 120 ft/minute depending on configuration

Operating Temperature:

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

Storage Temperature:

14 °F to 175 °F (-10 °C to 80 °C)

Maximum Operating Altitude:

6,561 ft (2,000 m)

Power Requirements:

100 to 240 VAC, 50 or 60 Hz

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WEIGHING

MotoWeigh® Metal Detector

Options/Accessories

Part #	Main Systems	Price
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 to 4.5 mm, non-ferrous 1.0 to 5 mm, 316 stainless steel 1.5 to 6.0 mm)	Consult
168442	Ferrous kit (1.0 to 4.5 mm)	Consult
168443	Non-ferrous kit (1.0 to 5.0 mm)	Consult
168444	316 stainless steel kit (1.5 to 6.0 mm)	Consult

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