MotoWeigh® IMW-HD
Heavy Duty In-Motion Conveyor Scale and Checkweigher

*18 in x 36 in MotoWeigh IMW-HD with
16 in x 12 in painted mild steel control panel*

Specifications

Construction:
Mild steel, or NEMA 4X IP66 304 SST for non-direct food contact

Configurations:
Checkweigher or conveyor scale

Product Types:
Boxes, bags, trays, tubs, cups, buckets, totes

Container Weights:
Up to 200 lb
Resolution down to 0.05 lb or better (dependent on scale capacity)

Belt:
Black PVC 120 with SST zipper splice for easy removal

Motor:
1/2 HP 230 VAC 3 phase motorized drive pulley (may vary depending on capacity)

Speed:
Up to 150 ft per minute

Power Configuration:
110 VAC single phase, 50/60 Hz
208, 230, 460 (3 phase)

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

Approvals:
Optional: UL 508

Note: Please consult for peripheral conveyors and diverters

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

Hardware
- Industrial mild steel powder coated frame
- Adjustable conveyor height 2 in coarse adjustment from floor to top of belt is 26 to 40 ± 2.5 inches of fine adjustment or 38 to 52 in ± 2.5 in of fine adjustment with optional leg extension kit
- Industrial belting Black PVC 120 V-Guide
- Industrial flexure base scale
- Single "S" type load cell

Available conveyor sizes and capacities:
- 14 in x 28 in 80 lb capacity conveyor scale
- 18 in x 36 in 150 lb capacity conveyor scale
- 24 in x 48 in 200 lb capacity conveyor scale
- 36 in x 60 in 200 lb capacity conveyor scale

APPROVALS

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Optional

Optional Features and Accessories

- Divert methods:
    Pneumatic pusher
    Drop conveyor
    Paddle
    Secondary diverter in series or parallel
- 1, 3 or 5 zone communication tower
- Audible alarm (non-washdown only)
- Drop chutes
- Pull cord E-stops
- Portability package
- Conveyor guide rails (round or flat)
- Custom programing available
- UL 508 control panel
- Metal detection
- Filling machine feedback
- Pacer belt infeed
- Ethernet IP
- Power configuration 208, 230, 460 (3 phase)
- 1280 controller
- Pedestal for control panel

MotoWeigh® IMW-HD
Heavy Duty In-Motion Conveyor Scale and Checkweigher

Control Panel Standard Features

920i Deep Enclosure and 16 in X 12 in Control Panel

- *8 x 24VDC or 8 count relays mounted on backplate
- 24VDC power supply
- Variable speed control
- Motor overload protection
- Lock out/ tag out
- Emergency stop
- 110VAC or 230VAC 1 phase power

110VAC Relays Available Upon Request.

20 in x 20 in stainless steel control panel with dual variable speed control option for MotoWeigh IMW-HD

Part Number

Part #	Main Systems	Price
Mild Steel		
181257	MotoWeigh, IMW-HD 14 in x 28 in Scale Conveyor and Controls, Up to 80 Lb Capacity, Mild Steel Powder Coated Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	$12,495
181258	MotoWeigh, IMW-HD 18 in x 36 in Scale Conveyor and Controls, Up to 150 Lb Capacity, Mild Steel Powder Coated Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	$12,995
181259	MotoWeigh, IMW-HD 24 in x 48 in Scale Conveyor and Controls, Up to 200 Lb Capacity, Mild Steel Powder Coated Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	$14,995
181260	MotoWeigh, IMW-HD 36 in x 60 in Scale Conveyor and Controls, Up to 200 Lb Capacity, Mild Steel Powder Coated Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	$15,995
Stainless Steel		
181261	MotoWeigh, IMW-HD 14 in x 28 in Scale Conveyor and Controls, Up to 80 Lb Capacity, Stainless Steel Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	$19,995
181262	MotoWeigh, IMW-HD 18 in x 36 in Scale Conveyor and Controls, Up to 150 Lb Capacity, Stainless Steel Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	$20,995
181263	MotoWeigh, IMW-HD 24 in x 48 in Scale Conveyor and Controls, Up to 200 Lb Capacity, Stainless Steel Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	$22,250
181264	MotoWeigh, IMW-HD 36 in x 60 in Scale Conveyor and Controls, Up to 200 Lb Capacity, Stainless Steel Frame, 920i, Controls on Frame, 8 I/O, Motor Controls, Weight Based System, Emergency Stop, Lock Out/Tag Out, 115 VAC	$23,995
Field Installation		
FLD-INSTALL	Factory field installation required (minimum 3 days on site)	$1,320.00
FLD-INSTALLSA	Factory field installation, Saturday	$1,980.00
FLD-INSTALLSU	Factory field installation, Sunday	$2,640.00

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
- 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 in of adjustment
- Modular belting
- Drive on right-hand side of belt (looking down belt flow)
- Control panel mounted on left-hand side of belt (looking down belt flow)

APPROVALS

On select models

Optional

Optional Features and Accessories

- Divert methods:
    Pneumatic pusher
    Air blast
    Drop conveyor
    Paddle
    Secondary diverter in series or parallel
- 1, 3 or 5 zone communication tower
- Audible alarm (non-wash down only)
- Draft shields
- Drop chutes
- Pull cord E-stops
- Portability package (non-NTEP Certified only)
- Conveyor guide rails (round or flat)
- Custom programing available
- Food-grade SST angle construction, NEMA Type 4X IP66 washdown systems
- UL 508
- Metal detection
- NTEP Certified Legal for Trade (up to 2,000 divisions and 60 ppm)
- Filling machine feedback
- Pacer belt infeed
- 1280 controller (Non-NTEP Certified only)

Specifications

Construction:
Stainless steel food-grade, stainless steel non-food-grade or aluminum non-food-grade

Configurations:
Checkweigher or 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
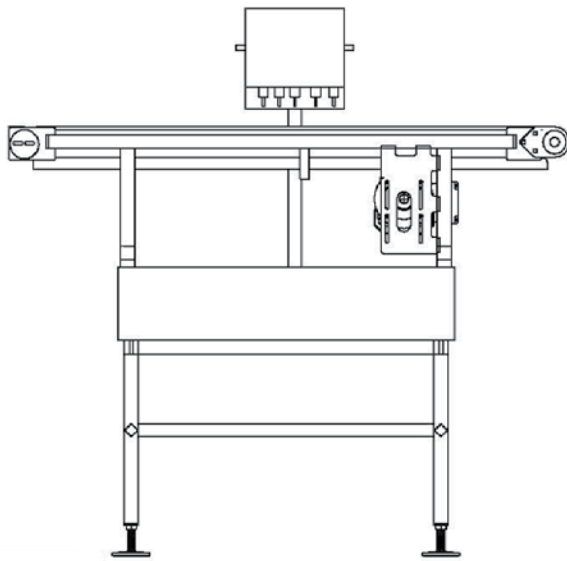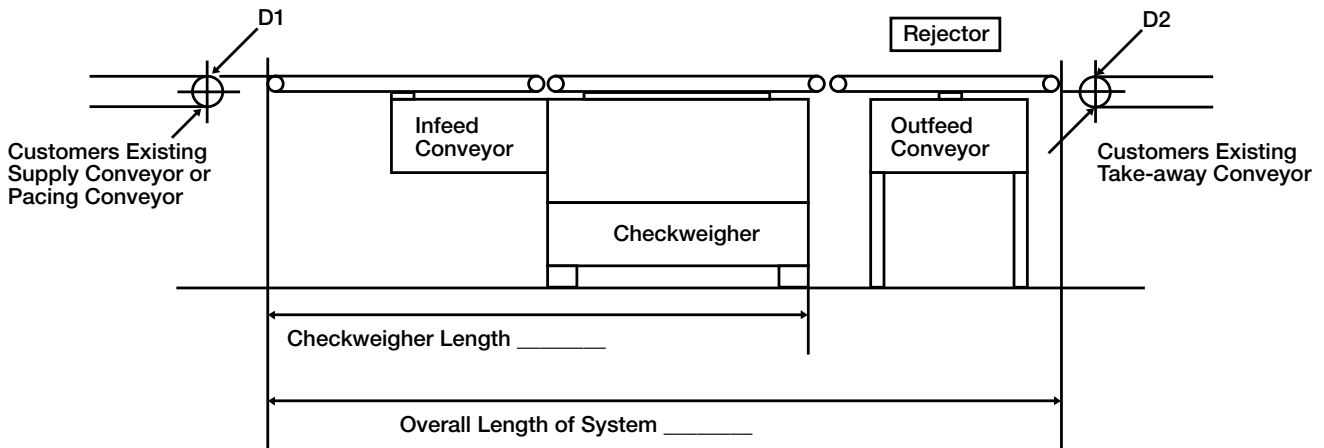
Warranty:
Two-year limited warranty
(excludes power train and wear parts)

Approvals:
Optional NTEP CC 09-007: 60 ppm at 2,000 divisions
Optional: UL 508

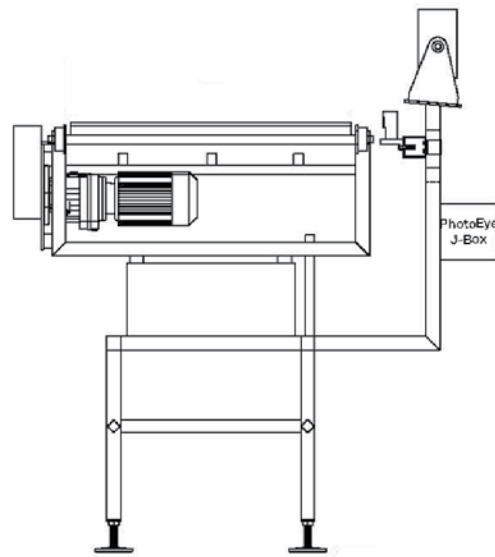## Checkweigher Packages

- 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

D1

Rejector

D2

Customers Existing
Supply Conveyor or
Pacing Conveyor

Infeed
Conveyor

Outfeed
Conveyor

Customers Existing
Take-away Conveyor

Checkweigher

Checkweigher Length _____

Overall Length of System _____

Side View

Conveyor Scale

PhotoEye
J-Box

End View

Conveyor Scale

Standard Sizes (consult for custom sizes)

Width x length

12 in x 24 in	............40 lb - 200 lb capacity conveyor scale
18 in x 36 in	............40 lb - 200 lb capacity conveyor scale
18 in x 48 in	............40 lb - 200 lb capacity conveyor scale
24 in x 36 in	............40 lb - 200 lb capacity conveyor scale
24 in x 48 in	............40 lb - 200 lb capacity conveyor scale
30 in x 60 in	............40 lb - 200 lb capacity conveyor scale
36 in x 60 in	............40 lb - 200 lb capacity conveyor scale

The following must be defined when ordering:

Units to be powered by either 115/230 or 460 VAC 3 phase
Capacity
Belt speed
Select frame construction, aluminum or SST

Due to the variety of configurations, please consult a sales engineer to discuss application requirements and for complete specifications and price quotations.

Field installation available at pre-determined rates.

Questionnaire available at www.ricelake.com/motoweigh

589

MotoWeigh® Metal Detector

Standard Features

Software
- Four levels of security
- Easy set-up 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 touch screen 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

Specifications

Construction:
304 stainless steel

Display:
7 in color touch screen

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

Part Number

Part #	Main Systems	Price
Metal Detector Only		
170657	Metal Detector Head 8 in x 4 in	$12,870.00
170659	Metal Detector Head 8 in x 6 in	$12,924.00
170660	Metal Detector Head 8 in x 8 in	$13,032.00
170669	Metal Detector Head 8 in x 10 in	$13,947.00
170670	Metal Detector Head 8 in x 12 in	$14,216.00
170671	Metal Detector Head 14 in x 6 in	$14,163.00
170672	Metal Detector Head 14 in x 8 in	$14,647.00
170673	Metal Detector Head 14 in x 10 in	$14,755.00
170674	Metal Detector Head 14 in x 12 in	$14,916.00
170692	Metal Detector Head 14 in x 14 in	$15,724.00
170675	Metal Detector Head 20 in x 6 in	$16,209.00
170676	Metal Detector Head 20 in x 8 in	$16,370.00
170677	Metal Detector Head 20 in x 10 in	$16,586.00
170678	Metal Detector Head 20 in x 12 in	$16,801.00
170679	Metal Detector Head 20 in x 14 in	$16,855.00
170680	Metal Detector Head 20 in x 16 in	$17,501.00
170681	Metal Detector Head 20 in x 18 in	$17,878.00
170682	Metal Detector Head 20 in x 20 in	$18,201.00
186289	Metal Detector Head 26 in x 6 in	$17,016.00
170683	Metal Detector Head 26 in x 8 in	$17,070.00
170684	Metal Detector Head 26 in x 10 in	$17,609.00
170685	Metal Detector Head 26 in x 12 in	$17,609.00
170686	Metal Detector Head 26 in x 14 in	$17,878.00
170687	Metal Detector Head 26 in x 16 in	$18,147.00
170688	Metal Detector Head 26 in x 18 in	$18,524.00
170689	Metal Detector Head 26 in x 20 in	$19,224.00
Metal Detector with Conveyor		
170695	Metal Detection System 8 in x 4 in Head, 6 in x 60 in Conveyor	$32,785.00
170704	Metal Detection System 8 in x 6 in Head, 6 in x 60 in Conveyor	$32,785.00
170705	Metal Detection System 8 in x 8 in Head, 6 in x 60 in Conveyor	$32,785.00
170706	Metal Detection System 8 in x 10 in Head, 6 in x 60 in Conveyor	$32,785.00
170707	Metal Detection System 8 in x 12 in Head, 6 in x 60 in Conveyor	$32,563.00
170708	Metal Detection System 14 in x 6 in Head, 12 in x 60 in Conveyor	$24,369.13
170709	Metal Detection System 14 in x 8 in Head, 12 in x 60 in Conveyor	$24,369.13
170710	Metal Detection System 14 in x 10 in Head, 12 in x 60 in Conveyor	$24,369.13
170711	Metal Detection System 14 in x 12 in Head, 12 in x 60 in Conveyor	$24,369.13
170712	Metal Detection System 14 in x 14 in Head, 12 in x 60 in Conveyor	$24,369.13
170713	Metal Detection System 20 in x 6 in Head, 18 in x 72 in Conveyor	$26,901.59
170714	Metal Detection System 20 in x 8 in Head, 18 in x 72 in Conveyor	$26,901.59
170715	Metal Detection System 20 in x 10 in Head, 18 in x 72 in Conveyor	$26,901.59
170716	Metal Detection System 20 in x 12 in Head, 18 in x 72 in Conveyor	$26,901.59
170717	Metal Detection System 20 in x 14 in Head, 18 in x 72 in Conveyor	$26,901.59
170718	Metal Detection System 20 in x 16 in Head, 18 in x 72 in Conveyor	$26,901.59
170719	Metal Detection System 20 in x 18 in Head, 18 in x 72 in Conveyor	$26,901.59
170720	Metal Detection System 20 in x 20 in Head, 18 in x 72 in Conveyor	$26,901.59
186290	Metal Detection System 26 in x 6 in Head, 24 in x 84 in Conveyor	$33,216.00
170721	Metal Detection System 26 in x 8 in Head, 24 in x 84 in Conveyor	$30,131.63
170722	Metal Detection System 26 in x 10 in Head, 24 in x 84 in Conveyor	$30,131.63
170723	Metal Detection System 26 in x 12 in Head, 24 in x 84 in Conveyor	$30,131.63
170724	Metal Detection System 26 in x 14 in Head, 24 in x 84 in Conveyor	$30,131.63
170725	Metal Detection System 26 in x 16 in Head, 24 in x 84 in Conveyor	$30,131.63
170726	Metal Detection System 26 in x 18 in Head, 24 in x 84 in Conveyor	$30,131.63
170727	Metal Detection System 26 in x 20 in Head, 24 in x 84 in Conveyor	$30,131.63

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MotoWeigh® Metal Detector

Options/Accessories

Part #	Main Systems	Price
186279	Information tower	$1,445.00
186280	Remote electronics with up to 100 ft of cable	$1,178.00
186281	Constant voltage transformer in NEMA Type 4X enclosure	$2,747.00
186282	PLC module	$1,636.00
186283	Critical spares kit	$6,801.00
186284	Preventive kit	$1,113.00
Ferrous (Mild Steel) Test Wands		
168370	1.0 mm Ferrous (Mild Steel) Test Wand	$17.50
168383	1.2 mm Ferrous (Mild Steel) Test Wand	$17.50
168384	1.5 mm Ferrous (Mild Steel) Test Wand	$17.50
168385	1.8 mm Ferrous (Mild Steel) Test Wand	$17.50
168386	2.0 mm Ferrous (Mild Steel) Test Wand	$17.50
168387	2.2 mm Ferrous (Mild Steel) Test Wand	$17.50
168388	2.5 mm Ferrous (Mild Steel) Test Wand	$17.50
168389	2.8 mm Ferrous (Mild Steel) Test Wand	$17.50
168390	3.0 mm Ferrous (Mild Steel) Test Wand	$17.50
168391	3.1 mm Ferrous (Mild Steel) Test Wand	$17.50
168392	3.25 mm Ferrous (Mild Steel) Test Wand	$17.50
168393	3.5 mm Ferrous (Mild Steel) Test Wand	$17.50
168394	4.0 mm Ferrous (Mild Steel) Test Wand	$17.50
168395	4.5 mm Ferrous (Mild Steel) Test Wand	$17.50
Non-Ferrous (Brass) Test Wands		
168411	1.0 mm Non-Ferrous (Brass) Test Wand	$17.50
168413	1.2 mm Non-Ferrous (Brass) Test Wand	$17.50
168414	1.5 mm Non-Ferrous (Brass) Test Wand	$17.50
168415	1.8 mm Non-Ferrous (Brass) Test Wand	$17.50
168416	2.0 mm Non-Ferrous (Brass) Test Wand	$17.50
168418	2.2 mm Non-Ferrous (Brass) Test Wand	$17.50
168420	2.5 mm Non-Ferrous (Brass) Test Wand	$17.50
168421	2.8 mm Non-Ferrous (Brass) Test Wand	$17.50
168422	3.0 mm Non-Ferrous (Brass) Test Wand	$17.50
168423	3.2 mm Non-Ferrous (Brass) Test Wand	$17.50
168424	3.5 mm Non-Ferrous (Brass) Test Wand	$17.50
168425	4.0 mm Non-Ferrous (Brass) Test Wand	$17.50
168426	4.5 mm Non-Ferrous (Brass) Test Wand	$17.50
168427	5.0 mm Non-Ferrous (Brass) Test Wand	$17.50
316 Stainless Steel Test Wands		
168428	1.5 mm 316 Stainless Steel Test Wand	$17.50
168429	1.8 mm 316 Stainless Steel Test Wand	$17.50
168430	2.0 mm 316 Stainless Steel Test Wand	$17.50
168431	2.2 mm 316 Stainless Steel Test Wand	$17.50
168432	2.5 mm 316 Stainless Steel Test Wand	$17.50
168433	2.8 mm 316 Stainless Steel Test Wand	$17.50
168434	3.0 mm 316 Stainless Steel Test Wand	$17.50
168435	3.1 mm 316 Stainless Steel Test Wand	$17.50
168436	3.4 mm 316 Stainless Steel Test Wand	$17.50
168437	4.0 mm 316 Stainless Steel Test Wand	$17.50
168438	4.5 mm 316 Stainless Steel Test Wand	$17.50
168439	5.0 mm 316 Stainless Steel Test Wand	$17.50
168440	5.5 mm 316 Stainless Steel Test Wand	$17.50
168441	6.0 mm 316 Stainless Steel Test Wand	$17.50
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)	$1,450.00
168442	Ferrous Kit (1.0 - 4.5 mm)	$530.95
168443	Non-Ferrous Kit (1.0 - 5.0 mm)	$530.95
168444	316 Stainless Steel Kit (1.5 - 6.0 mm)	$530.95

MotoWeigh® Cascade Checkweigher
Gravity Drop Checkweigher

Specifications

Construction:
Mild steel
Electrostatic dissipative powder coat

Maximum Container Size:
7 in x 7 in x 1.5 in (L x W x H)

Maximum Product Throughput:
45 parts per minute*

Capacity:
1.5 lb (680.4 g)

Accuracy:
±0.00044 lb (0.2 g)

Cylinder Stroke:
1.75 in

Variable based on product size, cylinder stroke, and scale accuracy

Standard Features

Software
• Single part drop detection (part outside of the bag)
• Statistical information
• Store up to 500 different products

Hardware
• Mild steel
• Electrostatic dissipative powder coat
• 920i wall mount
• Air regulator
• Bimba air cylinders
• MAC® solenoid valves

Options and Accessories
• LED communication tower
• Audible alarm
• Draft shield

Part Number

Part #	Main Systems	Price
186614	MotoWeigh Cascade Checkweigher and control panel	$8,000.00
Part #	Options / Accessories	Price
185808	Red and green communication tower	$659.95
186577	Red,green, and alarm communication tower	$850.00

NEW
Motoweigh® Integrators

Specifications

Construction:
Stainless steel

Control Panel Size:
16 in x 16 in x 8 in

Power Configuration:
115-230 VAC single phase, 50/60 Hz

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
- Configurable reject output
- Conveyor control output

Control Panel
- 16 in x 16 in x 8 in stainless steel enclosure
- Panel mount 920i
- 24 VDC power supply
- 16 Opto 22 relays
- Terminal blocks for easy wiring

Options and Accessories

- 1, 3 or 5 zone communication tower
- Audible alarm (non-washdown only)

Part Number

Part #	Main Systems	Price
185800	920i panel mount with MotoWeigh software, without cord grips	$5,495.00
185801	920i panel mount with MotoWeigh software, with cord grips	$5,695.00
185802	920i deep enclosure with MotoWeigh software	$4,500.00

Part #	Options / Accessories	Price
185803	Alarm communication tower	$358.95
185804	Red communication tower	$395.95
185805	Three zone communication tower	$924.95
185806	Three zone and alarm communication tower	$1,150.00
185807	Five zone communication tower	$1,270.00

AD-4961-600-1224
Specifications

Capacity:
600 g

Resolution:
0.01 g

Accuracy:
0.08 g

Construction:
IP65 stainless steel construction with ABS resin display

Display:
7 in color touchscreen

Speed:
Up to 393 ft per minute (120 m per min)

Max Throughput:
400 pcs per min

Belts:
Food grade urethane belt

Recorded Items:
1,000 items (ten groups x 100 items)

Communications:
Modbus TCP, Modbus RTU, RS-232, Ethernet TCP/IP (PostScript Printer), USB (for PostScript Printer, USB memory, data storage, image import use)

Input/Output:
External input for four non-voltage contact points
External output for eight relay points

Power Configuration:
100 VAC-240 VAC (+10%/-15%) single phase, 50/60 Hz
180 VA

Operating Temperature:
23°F to 104°F (-5°C to 40°C)

External Dimensions:
(L x W x H) 27.5 in x 25.9 in x 27.9 in-33.8 in (700 mm x 660 mm x 710 mm-860 mm)

AD-4961-2KD-2035
Specifications

Capacity:
500 g/2,000 g

Resolution:
0.01 g/0.1 g

Accuracy:
0.08 g/0.18 g

Construction:
IP65 stainless steel construction with ABS resin display

Display:
7 in color touchscreen

Speed:
Up to 393 ft per minute (120 m per min)

Max Throughput:
320 pcs per min

Container Weights:
Up to 4.4 lb (2,000 g) Resolution down to 0.01 g (dependent on scale capacity)

Belts:
Food grade urethane belt

Recorded Items:
1,000 items (ten groups x 100 items)

Communications:
Modbus TCP, Modbus RTU, RS-232, RS-485, Ethernet TCP/IP (PostScript Printer), USB (for PostScript Printer, USB memory, data storage, image import use)

Input/Output:
External input for four non-voltage contact points
External output for eight relay points

AD-4961 Series Checkweigher

Power Configuration:
100 VAC-240 VAC (+10%/-15%) single phase, 50/60 Hz; 180 VA

Operating Temperature:
23°F to 104°F (-5°C to 40°C)

External Dimensions:
(L x W x H) 27.5 in x 25.9 in x 27.9 in-33.8 in (700 mm x 660 mm x 710 mm-860 mm)

AD-4961-6K-3050
Specifications

Capacity:
6,000 g

Resolution:
0.1 g

Accuracy:
1.0 g

Construction:
IP65 stainless steel construction with ABS resin display and stainless steel control box and base

Display:
7 in color touchscreen

Configurations:
Checkweigher or conveyor scale

Speed:
Up to 262.4 ft per minute (80 m per min)

Max Throughput:
145 pcs per min

Container Weights:
Up to 13.2 lb (6,000 g)
Resolution down to 0.1 g (dependent on scale capacity)

Belts:
Food grade urethane belt

Recorded Items:
1,000 items (ten groups x 100 items)

Communications:
Modbus TCP, Modbus RTU, RS-232, RS-485, Ethernet TCP/IP (PostScript Printer), USB (for PostScript Printer, USB memory, data storage, image import use)

Input/Output:
External input for four non-voltage contact points
External output for eight relay points

Power Configuration:
100 VAC-240 VAC (+10%/-15%) single phase, 50/60 Hz; 180 VA

Operating Temperature:
23°F to 104°F (-5°C to 40°C)

External Dimensions:
(L x W x H) 39.5 in x 28.9 in x 28.3 in-34.2 in (1,005 mm x 736 mm x 720 mm-870 mm)

AD-4971 Metal Detector
Specifications

Construction:
IP65 stainless steel construction with ABS resin display

Aperture Sizes:
From 13.7 in x 3.9 in to 17.7 in x 9.8 in (350 mm x 100 mm to 450 mm x 250 mm)

Display:
7 in color touchscreen

Speed:
Up to 196 ft per minute (60 m per min)

Belts:
Food grade urethane belt

Recorded Items:
1,000 items

Communications:
Modbus TCP, Modbus RTU, Ethernet TCP/IP (PostScript Printer), USB (for PostScript Printer, USB memory, data storage, image import use)

Input/Output:
External input for four non-voltage contact points
External output for eight relay points

Power Configuration:
100 VAC-240 VAC (+10%/-15%) single phase, 50/60 Hz; 180 VA

Operating Temperature:
32°F to 104°F (0°C to 40°C)

A&D Inspection AD-4961 Series
In-Motion Conveyor Scale, Checkweigher and Metal Detector

Part Number

AD-4961-600-1224		
Part #	**Checkweigher**	**Price**
186317	EZICheck checkweigher 600 g	$14,650.00
Part #	**Rejector**	**Price**
186318	EZICheck 600 g air jet reject with two nozzles	$4,965.00
Part #	**Options / Accessories**	**Price**
186319	EZICheck 600 g breeze break	$650.00
176622	CW extension leg kit - set of four (up to 40 in)	$450.00
186320	Maintenance kit 600 g	$2,450.00

Assembly is required

AD-4961-2K-2035		
Part #	**Checkweigher**	**Price**
176605	EZICheck checkweigher 2 kg	$14,825.00
Part #	**Rejector**	**Price**
176607	EZICheck 2 kg dual channel reject flipper	$6,050.00
176610	Air jet rejector (two nozzles)	$8,245.00
176608	EZICheck 2 kg single channel drop rejector	$3,700.00
Part #	**Options / Accessories**	**Price**
176614	EZICheck-01 display stand	$310.00
176612	Tower light 3 zone, must buy AD-4691-01	$650.00
176615	EZICheck-11 upper breeze break	$1,550.00
176617	EZICheck-12 lower breeze break	$350.00
176618	EZICheck-13 transfer plate	$155.00
176619	EZICheck-14 product guides	$700.00
176622	CW extension leg kit - set of four (up to 40 in)	$450.00
179427	Maintenance kit 2 kg	$3,625.00

Assembly is required

AD-4961-6K-3050		
Part #	**Main Systems**	**Price**
176606	EZICheck checkweigher 6 kg	$19,775.00
Part #	**Rejector**	**Price**
176609	EZICheck 6 kg push ram rejector	$9,255.00
Part #	**Options / Accessories**	**Price**
176614	EZICheck-01 display stand	$310.00
176612	Tower light 3 zone, must buy AD-4691-01	$650.00
176622	CW extension leg kit - set of four (up to 40 in)	$450.00
186322	Maintenance kit 6 kg	$2,850.00

Assembly is required

AD-4971		
Part #	**Main Systems**	**Price**
186325	AD-4971-3510 Metal Detector – 100 mm aperture	$15,450.00
186326	AD-4971-3517 Metal Detector – 170 mm aperture	$15,650.00
186327	AD-4971-3525 Metal Detector – 250 mm aperture	$16,000.00
186328	AD-4971-4517 Metal Detector – 170 mm aperture	$19,000.00
186329	AD-4971-4525 Metal Detector – 250 mm aperture	$19,500.00
186330	EZICheck Metal Detector tower light	$775.00
176622	CW extension leg kit - set of four (up to 40 in)	$450.00
186331	Maintenance kit for AD-4971-3510, AD-4971-3517, AD-4971-3525 metal detectors	$2,150.00
186332	Maintenance kit for AD-4971-4517, AD-4971-4525 metal detectors	$2,350.00