

Product Name:

# Converyorised Metal Detection Systems

MODEL SERIES: IMD - I, IMD - II

Features:

- Mature phase adjustment technology, avoiding shortcomings like no phase of LC analog circuit, low stability, without products suppression function and machine aging caused by time and temperature
- Fast learn product character automatically and finish Auto-setting process
- Automatic rewind function, dispense with handling large products
- LCD, Chinese-English menu, easy operation
- Dust and water proof, easy to be cleaned



Purpose:

*This machine is used for detecting all metal contaminants in packaged and non-packaged food, including ferrous metal (Fe), non-ferrous metals (Copper, Aluminum etc.) and stainless steel.*

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Advantage:

- Full digital intelligent metal detectors
- It can detect all kinds of metals such as Ferrous, Copper, Gold, Silver, stainless steel, etc.
- High sensitivity and stability
- Dustproof and waterproof
- Auto-setting with reverse rotate and forward rotate: It will not need any manual work to put on and take away product
- The metal detectors can be made according to the client's special requirements.

Operation Panel

Conveyor

1200 / 1500 / 1800 mm

Phototube

800 mm

898 / 998 mm

460 / 560 mm

360 / 460 mm

## More Specifications

Display Mode

LCD liquid crystal (FDM touch screen optional)

Operation Mode

Button input(touch input optional)

Packing Form of Product to detected

Standard plastic or cardboard, metal film (aluminum) and bulk

Conveyor Material

Food Grade PVC(PU and Chain Conveyor optional)

Belt Speed

Fixed 25m/min (Variable fixed belt speed, if need adjustable speed, the inverter to be optional)

Alarm

Alarm and belt stop (Alarm lamp and rejecter optional)

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## IMD - I:

- 52 products can be restored in database

## IMD - II:

- 100 products can be restored in database
- USB and Ethernet interfaces are available

Specifications	I 4008	I 4012
Detection Width	400 mm	400 mm
Detection Height	80 mm	120 mm
Loading Capacity	5 kg ~ 10 kg	5 kg ~ 10 kg
Sensitivity	Fe : $\geq \Phi 0.5\text{mm}$ SUS304 (IMD-I): $\geq \Phi 1.0\text{mm}$ SUS304 (IMD-II): $\geq \Phi 0.8\text{mm}$	Fe : $\geq \Phi 0.6\text{mm}$ SUS304 (IMD-I): $\geq \Phi 1.2\text{mm}$ SUS304 (IMD-II): $\geq \Phi 1.0\text{mm}$
Belt Width	360 mm	360 mm

Specifications	I 4015	I 4018
Detection Width	400 mm	400 mm
Detection Height	150 mm	180 mm
Loading Capacity	5 kg ~ 10 kg	5 kg ~ 10 kg
Sensitivity	Fe : $\geq \Phi 0.7\text{mm}$ SUS304 (IMD-I): $\geq \Phi 1.5\text{mm}$ SUS304 (IMD-II): $\geq \Phi 2.0\text{mm}$	Fe : $\geq \Phi 0.8\text{mm}$ SUS304 (IMD-I): $\geq \Phi 1.2\text{mm}$ SUS304 (IMD-II): $\geq \Phi 1.5\text{mm}$
Belt Width	360 mm	360 mm

Specifications	I 5020	I 5025
Detection Width	500 mm	500 mm
Detection Height	200 mm	250 mm
Loading Capacity	20 kg ~ 100 kg	20 kg ~ 100 kg
Sensitivity	Fe : $\geq \Phi 1.0\text{mm}$ SUS304 (IMD-I): $\geq \Phi 2.0\text{mm}$ SUS304 (IMD-II): $\geq \Phi 1.5\text{mm}$	Fe : $\geq \Phi 1.2\text{mm}$ SUS304 (IMD-I): $\geq \Phi 2.5\text{mm}$ SUS304 (IMD-II): $\geq \Phi 2.0\text{mm}$
Belt Width	460 mm	460 mm

