
Conveyor Belt Metal Detector



*Advantages on Conveyor Belt Type Metal Detector :

The first DSP conveyor belt type metal detector with Intellectual Property Rights in China, suitable for metal contaminants detection in various industries like: aquatic products, meat & poultry, salted products, pastry, nuts, vegetables, chemical raw materials, pharmacy, cosmetics, toys, etc.

*Conveyor Belt Type Metal Detector IMD Series

Detecting all metal contaminants in packaged and non-packaged food, including ferrous metal (Fe), non-ferrous metals (Copper, Aluminum etc.) and stainless steel.

*Conveyor Belt Type Metal Detector is Stable and can Achieve High Sensitivity

Special phase adjusting technology
High sensitivity with stable performance
Auto balance function

***High Configuration on Conveyor Belt Type Metal Detector is Available.**

Touch screen
USB port
Dual-frequency
Customized rejecter system
Different surface treatment

*User-friendly Function on Conveyor Belt Type Metal Detector

Multi languages
Customization
Large memory capacity

***Conveyor Belt Type Metal Detector Has Auto-learning Function**

Auto-learning product character

Finish auto-learning process very soon

*Conveyor Belt Type Metal Detector Specifications

Model		IMD		
Specifications		4008,4012	5020,5025	6025,6030
		4015,4018	5030,5035	
Detection Width		400mm	500mm	600mm
Detection Height		80mm,120mm	200mm,250mm	250mm
		150mm,180mm	300mm,350mm	300mm
Sensitivity	Fe	Φ0.5mm,Φ0.6mm	Φ0.8mm,Φ1.0mm	Φ1.2mm
		Φ0.7mm,Φ0.8mm	Φ1.2mm,Φ1.5mm	Φ1.5mm
	SUS304	Φ1.0mm,Φ1.2mm	Φ2.0mm,Φ2.5mm	Φ2.5mm
		Φ1.5mm,Φ2.0mm	Φ2.5mm,Φ3.0mm	Φ3.0mm
Belt Width		360mm	460mm	560mm
Loading Capacity		5kg~10kg	20kg~50kg	25kg~100kg
Display Mode		LCD display panel (FDM touch screen optional)		
Operation Mode		Button input(Touch input optional)		
Product Storage Quantity		52 kinds (100 kinds with touch screen)		
Conveyor Belt		Food Grade PU (chain conveyor optional)		
Belt Speed		Fixed 25m/min (Variable speed optional)		
Rejecter Mode		Alarm and belt stops (Rejecter optional)		
Power Supply		AC220V (Optional)		
Main Material		SUS304		
Surface Treatment		Brushed SUS, Mirror polished, Sand blasted		

***Note:**

1. The technical parameter above namely is the result of sensitivity by detecting only the test sample on the belt. The concrete sensitivity would be affected according to the products being detected, working condition and speed.
2. Requirements for different sizes by customers can be fulfilled.