

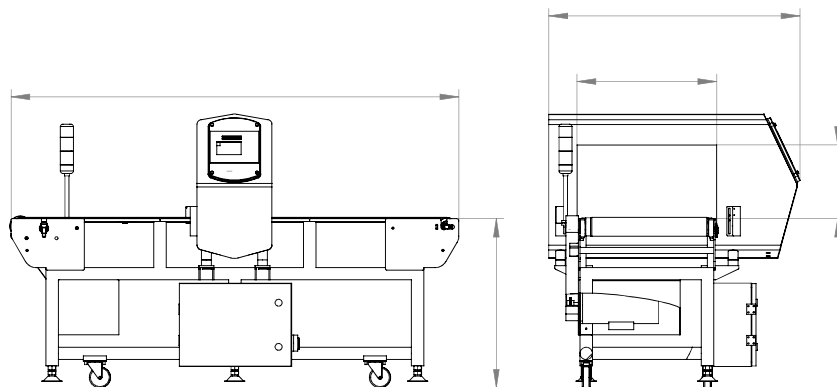
Metal Detection System

Model RMD Series

// PRODUCT HIGHLIGHTS

- **Superior Contaminant Detection**—Detects all metal contaminants including ferrous, non-ferrous and stainless steel
- **Detects More**—Multi-frequency detection for various sensitivities; phase adjustment suppresses large product effects; high-speed digital signal processing and intelligent algorithms
- **Flexible**—Suitable for small, medium and large packaged and unpackaged products
- **Adaptive**—Easily switches between different working frequencies; adapts to different products, even those with large product effects
- **Dependable**—Advanced automatic compensation technology for long-term and stable performance
- **Customizable**—Tailor-made according to customer requirements
- **Advanced Features**—Auto-learning, quick product changeover, robust data collection and analysis, multi-language operator controls and more
- **Optional Modular Chain Conveyor**—Smooth and flat conveying surface with little friction; steady transmission of products; suitable for glass bottles, PET bottles, cans and more
- **Other Aperture Sizes Available Upon Request**





Model	RMD-4008	RMD-4012	RMD-4015	RMD-4018	RMD-5008	RMD-5012	RMD-5015	RMD-5018
Best Inspection Sensitivity¹	FE:0.5mm Non-Fe:1.0mm SUS:1.2mm	FE:0.7mm Non-Fe:1.0mm SUS:1.5mm	FE:0.7mm Non-Fe:1.0mm SUS:1.5mm	FE:0.8mm Non-Fe:1.5mm SUS:2.0mm	FE:0.6mm Non-Fe:1.0mm SUS:1.2mm	FE:0.7mm Non-Fe:1.0mm SUS:1.5mm	FE:0.7mm Non-Fe:1.0mm SUS:1.5-2.0mm	FE:0.8mm Non-Fe:1.5mm SUS:2.0mm
Detection Height	80mm	120mm	150mm	180mm	80mm	120mm	150mm	180mm
Detection Width	400mm				500mm			
Conveyor Length	1500mm							
Max Load	50kg							
Operation Mode	LCD tactile or LED touch screen							
Product Package	Packaged and unpacked product							
Belt Speed	Variable speed							
Alarm Mode	Standard audible and light alarm, belt stop							
Power Supply	AC110V							
Machine Weight	110kg							
Working Environment	Temperature: 32-104°F				Humidity: 30-85% (no dew)			
IP Level	IP30/IP54/IP66							
Main Material	SUS304 sandblasted							

Model	RMD-5020	RMD-5025	RMD-5030	RMD-5035	RMD-6020	RMD-6025	RMD-6030	RMD-6035
Best Inspection Sensitivity¹	FE:1.0mm Non-Fe:1.5mm SUS:2.0mm	FE:1.2mm Non-Fe:2.0mm SUS:2.5mm	FE:1.5mm Non-Fe:2.0mm SUS:2.5-3.0mm	FE:1.5mm Non-Fe:2.5mm SUS:3.5mm	FE:1.0mm Non-Fe:2.0mm SUS:2.0mm	FE:1.2mm Non-Fe:2.0mm SUS:2.5mm	FE:1.5mm Non-Fe:2.5mm SUS:3.0mm	FE:1.5-2.0mm Non-Fe:2.5mm SUS:3.5mm
Detection Height	200mm	250mm	300mm	350mm	200mm	250mm	300mm	350mm
Detection Width	500mm				600mm			
Conveyor Length	1800mm							
Max Load	100kg							
Operation Mode	Button panel/touch screen							
Operation Mode	LCD tactile or LED touch screen							
Product Package	Packaged and unpacked product							
Belt Speed	Variable speed							
Alarm Mode	Standard audible and light alarm, belt stop							
Power Supply	AC110V							
Machine Weight	110kg							
Working Environment	Temperature: 32-104°F				Humidity: 30-85% (no dew)			
IP Level	IP30/IP54/IP66							
Main Material	SUS304 sandblasted							

1. Sensitivity parameter is the result of inspecting only the test sample on the belt. The actual sensitivity would be affected according to the products being inspected.



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