

CONVERIZED METAL DETECTOR FOR BOTTLES

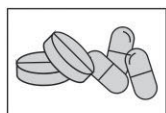


The trueCARE Converized Metal Detector for Bottles is a robust, highly sensitive industrial tool designed to detect metallic contamination in packed materials in bottles across industries like Pharmaceuticals, Food Processing, Nutraceuticals, Cosmetics, Chemicals and. It identifies ferrous metals (Fe), non-ferrous metals such as copper and aluminum, and stainless steel, ensuring the integrity and safety of packed materials in diverse manufacturing sectors. Customized-designed for bottled products with up to 30% higher inspection accuracy than conventional products.

Standard Features

- Stable performance with high sensitivity.
- Constructed with SS 304, complies with GMP requirements.
- Programmable for different products to optimize sensitivity and safety.
- Large touch screen interface for intuitive operation, extensive data storage, and compact design for small spaces.
- ARM controller with digital signal processing for audio and graphic indication of metal contamination detection.
- Rapid, integrated rejection mechanism minimizes material waste.
- Highly stable and extremely sensitive, engineered to eliminate external interference factors like vibration, noise, and product effects.
- Simple installation, operation, and maintenance ensure reliable detection of very small contaminants

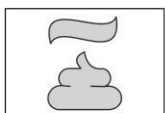
Applications



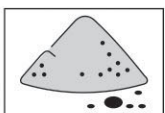
Tablet/Capsule



Liquids



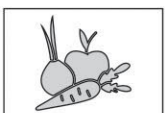
Ointment/Cream/
Paste/Gel



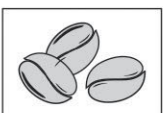
Powder



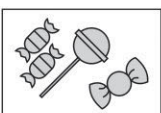
Grains



Fruits & Veg.



Beans



Confectionery



Technical Specification

Model		TMD-B1220	TMD-B1525	TMD-B2035	TMD-B2545
Detection Width		120 mm	150 mm	200 mm	250 mm
Detection Height		200 mm	250 mm	350 mm	450 mm
Detecting sensitivity (Ømm)	Fe	0.6	0.8	1.0	1.2
	N-Fe	0.8	1.2	1.5	1.8
	SS	1.2	1.5	2.0	2.3
Parameter Setting	By Intelligent Product Learning				
Belt Width		90 mm	120 mm	170 mm	220 mm
Conveyor Belt Length		1200 mm	1200 mm	1500 mm	1500 mm
Max. Weight on Belt		5 kg.	10 kg.	15 kg.	25 kg.
Product	Pre-packaged product				
Belt Speed	Variable Speed; up to 70m/min				
Rejection Option	Pusher, Flipper, Flap Down, Down Belt				
Power Supply	AC220 V, 1 Phase, 50/60 Hz				