

FLOW THROUGH METAL DETECTORS - FOR LIQUID AND SEMI LIQUID

For liquids or products being pumped through the production process, True care technology offers flow-through metal detection systems. The flow-through metal detector is a robust, high performance, operator friendly system suitable for liquid and semi-liquid products. It integrates an auto-reject valve to divert contaminants from the product flow, while minimizing waste and rework.

Standard Features

- Stable performance with high sensitivity.
- Enhanced detection sensitivity with powerful automatic product identification technology.
- Integrates seamlessly into sealed pipe conveyance systems.
- Teflon inner pipe liner withstands high temperatures and pressures.
- Minimizes product waste with fast rejection valve.
- Suitable for low to high viscosity products, from liquids to ground meat.
- Heavy-duty, sanitary construction for wash-down food processing.



Applications



Liquids

Ointment/Cream/
Paste/Gel

Sauce/Sausage



Beverages and Juice

Technical Specification

Model		TMD-FT25	TMD-FT50	TMD-FT75	TMD-FT100
Pipe Diameter		25 mm	50 mm	75 mm	100 mm
Detection Height		200 mm	250 mm	350 mm	450 mm
Detecting sensitivity (Ømm)	Fe	0.4	0.6	0.8	1.0
	N-Fe	0.7	1.0	1.0	1.5
	SS	1.0	1.2	1.5	2.0
Parameter Setting		By Intelligent Product Learning			
Inner Pipe Material		Food grade teflon tube			
Display		Intuitive LCD HMI touchscreen			
Product		Liquid / Semi-liquid			
Pressure Requirements		0.5 Mpa _≥			
Rejection Option		Ball Valve			
Power Supply		AC220 V, 1 Phase, 50/60 Hz			

