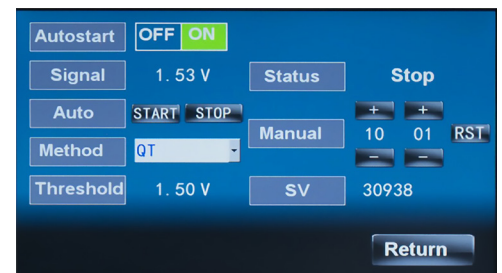


IMD CONVEYORIZED METAL DETECTORS



Operator friendly LCD touchscreen HMI – save programs for over 100 products.



IMD ConveyORIZED Metal Detectors provide precise and dependable detection of metal contaminants in non-metallic packaged or unpackaged products. Designed for easy integration, these systems offer a true plug-and-play solution that seamlessly fits into existing production lines with little to no modification. Whether you're inspecting baked goods, meats, dairy, or snacks, IMD detectors deliver consistent performance across a wide range of applications – helping ensure product integrity and regulatory compliance.

To further enhance efficiency, choose from models equipped with integrated automatic reject systems. These options remove contaminated products from the line without operator intervention or production delays, keeping throughput high while safeguarding your customers and brand.

Features

- **User-friendly touchscreen HMI interface** – quick-and-easy setup and operation.
- **IP54 dustproof and waterproof design** – available in IP66-rated models that are ideal for meat processing applications.
- **Durable 304 stainless steel construction** – corrosion resistant and easy to clean.
- **Flexible product handling** – inspect small, medium, and large packages, as well as unpackaged bulk products.
- **Auto-balancing** – maintains peak detection performance, even under heavy use.
- **Auto-learning technology** – automatically calibrates to new products.
- **Program up to 100 products** – streamlines product changeovers.
- **World leading componentry** – SEW, Toyo and Oriental Motor conveyor motors
- **Multilingual user interface** – choose from English, Spanish, French, Polish, and more.
- **Available food-safe conveyor belts** – durable, hygienic belts approved for direct contact with food products.

Applications

Use to detect:

Ferrous metals:

cast iron, chromium, carbon steel, nickel, etc.

Non-ferrous metals:

aluminum, brass, lead, silver, gold, tungsten, tin, etc.

Stainless steel

304 and 316 stainless steel

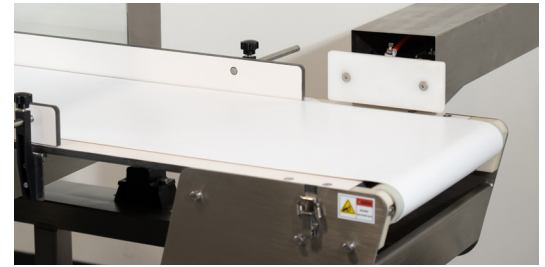
Great for:

- Snacks and snack foods
- Confections and candy
- Packaged meat and proteins
- Frozen and ready-to-eat meals
- Bakery products
- Dairy products
- Fruits and vegetables
- Spices and sugar

Customize Your System with Automatic Reject

Keep your line running with automatic reject systems tailored to your product and production setup. Choose from flipper, push-bar, air-powered, drop-out, and more. TDI Packsys will recommend the best-fit option based on your product, footprint, and budget – ensuring efficient rejection without slowing you down.

Automatic reject options remove contaminated product from your line without down time.



	IMD-20xx	IMD-30xx	IMD-40xx	IMD-50xx	IMD-60xx	IMD-70xx	IMD-80xx
Detection Height:	5 - 50cm						
Detection Width:	200mm	300mm	400mm	500mm	600mm	700mm	800mm
Operator Interface:	Touchscreen						
Conveyor Length:	1200mm, 1500mm, 1800mm; custom options available						
Conveyor Belt Width:	160mm	260mm	360mm	460mm	560mm	660mm	760mm
Belt Speed:	Variable Speed; up to 110m/min						
Alarm/Reject:	Standard Audible and Light Alarm, Belt Stop (Optional: Automatic Reject)						
Power Supply:	110VAC						
Working Environment:	Temperature: 32~104°F; Humidity: 30-85% (no dew)						
IP Level:	IP54 (optional IP65/IP65)						
Construction:	SUS304 Sandblasted						
Data Export:	USB/Ethernet						

Note: Product models and specifications are subject to change. For more information, contact TDI Packsys.

TDI Packsys

TDI Packsys is a premier provider of inspection solutions and packaging automation systems. Our expert team is dedicated to delivering state-of-the-art solutions that meet your budget. Contact us to see how we can help optimize your operation.



SCAN ME

There's More

Inspection Systems

- Metal Detectors
- Checkweighers
- Combo Systems
- X-Rays
- Color Sorters
- Vision Systems

Packaging Automation

- Palletizers
- Form, Fill & Seal
- Scaling & Dosing
- Flow Wrappers
- Robotic Packing