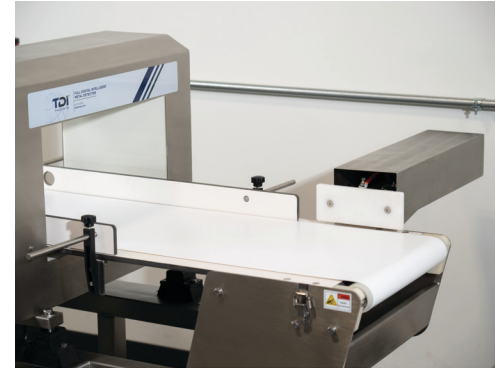


IMD CONVEYORIZED METAL DETECTORS



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



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

IMD Conveyorized Metal Detectors are perfect for the inspection of any product without metallic packaging. By integrating the metal detector probe head onto a specially designed conveyor, you can seamlessly incorporate this plug-and-play inspection technology into your production process. Being able to inspect both packaged and unpackaged products, conveyorized metal detectors can fit most production applications with little to no modification.

Choose from systems with integrated, automatic rejects to remove contaminated product from your line without the need for an operator or down time. They are also available with custom-sized probe heads to maximize sensitivity for your exact products, and intuitive, user-friendly functions like auto-learning.

Applications

- **Ferrous metals:** cast iron, carbon steel, nickel, chromium, etc.
- **Non-ferrous metals:** brass, aluminum, copper, lead, silver, gold, tin, tungsten, etc.
- **Stainless steel** (304 & 316)

Features

- **Auto-balancing** – ensures the system is always operating at peak capability
- **Exceptional stability and sensitivity** – find SS contaminants down to 1.5mm in size (varies by product)
- **World leading componentry** – SEW, Toyo and Oriental Motor conveyor motors
- **Multilingual user interface**
- **LCD and optional touch screen operator interfaces**
- **Program up to 100 products** – optimal sensitivity and safety for each product
- **IP54 dust-proof and waterproof stainless steel construction** – available in IP66-rated models that are ideal for meat processing applications
- **Available with durable food-safe conveyor belts**
- **Optional integrated rejecter styles available** – push bar, flipper, air jet, etc.

IMD ConveyORIZED Metal Detectors



	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						
Conveyor Belt Width:	160mm	260mm	360mm	460mm	560mm	660mm	760mm
Belt Speed:	Variable Speed; up to 70m/min						
Alarm/Reject:	Standard Audible and Light Alarm, Belt Stop (Optional: Automatic Reject)						
Power Supply:	AC110V						
Working Environment:	Temperature: 32~104°F; Humidity: 30-85% (no dew)						
IP Level:	IP30/IP54/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.



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

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