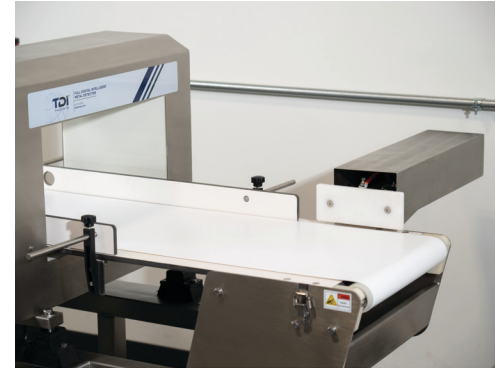


IMD CONVEYORIZED METAL DETECTORS



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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