

INTERCEPTOR Metal Detector



KEY FEATURES:

- Simultaneous Multi-Frequency Operation
- Broad Spectrum Frequency Transmission
- ARM Processors: Multiple Channel Signal Processing
- 100% Detection Sensitivity Increase
- Noise Immunity Structure
- Single Pass Product "Learn"
- Automatic Product Tracking
- Contact Reporter Software Included

APPLICATIONS:

- Bakery
- Meats
- Dairy
- Prepared Meals
- Packaged Products
- Confectionery
- Fresh Foods

AVAILABLE OPTIONS:

Automatic Testing System

HALO[®]

Integrated Vector Conveyor Systems



Contact Communication Software



OVERVIEW:

Interceptor metal detectors are custom manufactured to achieve superior results in challenging applications. The Interceptor uses a simultaneous multi-frequency operation that effectively processes the transmission and reception of multiple frequencies continuously over a broad spectrum. This revolutionary operation facilitates an improvement in detection capabilities of up to 100% with stainless steel, especially when inspecting traditionally difficult "wet" products.

The Interceptor is the result of continually refining the Simultaneous Multi-Frequency Technology that was initially developed and installed in 2009.

THE FORTRESS ADVANTAGE:

- NEVER OBSOLETE Commitment: Fortress detectors are always supported with parts, service and upgrades.
- Modular design; have fewer components
- Outstanding Reliability
- Exceptional Performance
- Simple Operation
- Custom built detectors or stock sizes

Diverseco has offices in every mainland state and territory.

We are proudly Australasian distributors, integrators, and service providers for Fortress Metal Detectors.

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TECHNOLOGY

INTERCEPTOR Metal Detector



Simultaneous
Multi-Frequency

Broad Spectrum Frequency
Transmission and Reception

Often Meets or Exceeds
X-Ray Detection Results

Multiple Channel Signal
Processing with ARM
Based Processors

Single Pass Product "Learn"
Programming Capability

Automatic Product Tracking
Processing (Temperature,
Shape, Size, etc.)

USB Port for access to QA
Reports, Configuration
and Firmware Updates

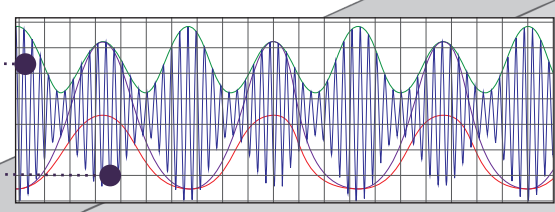
Automatic QA Testing
and Calibration

Product Library Stores
Multiple Product Settings
for Easy Recall

Unique Noise Immunity
Structure Reduces False
Rejects

Sleek Modular
Design for
greater reliability

Custom Aperture
Sizes or Stock Sizes



DETECTOR OPTIONS & SPECIFICATIONS:

Construction	Stainless Steel
BSH Extra-Rugged Casing	Vibration immunity and stability in heavy duty applications and harsh environments
Aperture Lining	Epoxy resin for heavy wash down or dry liner for wipe down applications
Rating	Stainless Steel: Nema 4X / IP69K
Remote Mounting	Display panel terminal can be mounted remotely (Up to 4000ft / 1,200m)
Network Communications	Ethernet & WiFi via Contact Communications Software
Electrical	90-250v Single phase, 1 amp, 50-60Hz

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INTERCEPTOR[®] DF Metal Detector



We Take Food Safety Seriously – Making it our Mission to Prevent Metal Contaminants from Reaching Consumers' Dinner Tables

The Interceptor DF uses a simultaneous multi-frequency operation that effectively processes the transmission and reception of multiple frequencies continuously over a broad spectrum. This model was developed with a divergent field technology, which is the world's first metal detector to use multiple field directions. This greatly improves the detection of ultra-thin contaminants that are often encountered in processing lines. These innovative technologies facilitate a significant improvement in detection capabilities.

FEATURES

- Divergent Field Technology
- Simultaneous Multi-Frequency Operation
- Broad Spectrum Frequency Transmission
- ARM Processors: Multiple Channel Signal Processing
- 100% Detection Sensitivity Increase
- Noise Immunity Structure
- Single Pass Product "Learn"
- Automatic Product Tracking
- Contact Reporter Software Included

APPLICATIONS

- Confectionery
- Chocolate Bars
- Bakery
- Packaged Meats
- Packaged Products
- Nutritional Bars

THE FORTRESS ADVANTAGE:

- **"Never Obsolete"** Commitment: detectors are always supported with parts and services
- Standard electronics configuration across product line allowing easy support and troubleshooting
- Modular design; have fewer components
- Custom built detectors or stock sizes
- **Simple Operation, Outstanding Reliability, Exceptional Performance**

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INTERCEPTOR[®] DF Metal Detector

Simultaneous
Multi-Frequency &
Multi-Field Direction

Broad Spectrum Frequency
Transmission and Reception

Meets or Exceeds
X-Ray Detection Results

Multiple Channel Signal
Processing with ARM
Based Processors

Single Pass Product "Learn"
Programming Capability

Automatic Product Tracking
Processing (Temperature,
Shape, Size, etc.)

USB Port for access to QA
Reports, Configuration
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Automatic QA Testing
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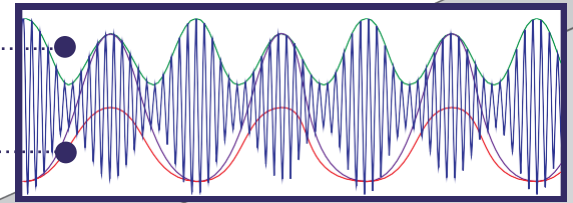
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Unique Noise Immunity
Structure Reduces False
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Sleek Modular Design for
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