Metal Detector

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.

**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
- Integrated Vector Conveyor Systems
- Contact Communication Software

**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
INTERCEPTOR


DETECTOR OPTIONS & SPECIFICATIONS:

- 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

Construction
- BSH Extra-Rugged Casing
- Aperture Lining
- Rating: Stainless Steel
- Remote Mounting
- Network Communications
- Electrical: 90-250v Single phase, 1 amp, 50-60Hz

Stainless Steel
- Vibration immunity and stability in heavy duty applications and harsh environments
- Epoxy resin for heavy wash down or dry liner for wipe down applications
- Stainless Steel: Nema 4X / IP69K
- Display panel terminal can be mounted remotely (Up to 4000ft / 1,200m)
- Ethernet & WiFi via Contact Communications Software