FØRTRESS PHANTØM ®

In-Foil Metal Detector

FØRTRESS Technology

Fortress PHANTOM Series
In-Foil Metal Detector

Simple Operation **Outstanding** Reliability **Exceptional** Performance

The PHANTOM Series Advantage

The unique Fortress Phantom In-Foil Metal Detector utilises the latest Digital Signal Processing technology to detect and reject Ferrous metals despite the presence of foil packaging. With the highest processing power, Phantom systems are renowned for their superior speed, accuracy and ease-of-use.

Applications

Bakery – Pies & Cakes, Oven ready meals, Any product with Aluminum Foil packaging

Overview

The Phantom In-Foil detector offers a solution to the predicament of metal detection in foil packaging applications. The system overlooks aluminum foil and successfully detects ferrous metals such as iron and steel.

Systems are available in a wide variety of aperture sizes with full stainless steel construction. For heightened stability and performance, the IP69K certified BSH Extra Rugged casing is utilised.

Available Option

Integrated Vector Conveyor

Key Technologies

Core DSP
Unparalleled Precision

UltraSense
Ultra Sensitive Detection

AutoComp
Compensation for packaging

ADVANCED PHANTOM IN-FOIL FEATURES

Core DSP	Digital Signal Processing (DSP) technology provides unparalleled precision, speed, and detection results
UltraSense	Maintains high sensitivity levels to detect the smallest Ferrous metal contaminants
Intuitive User Interface	Provides dedicated shortcut keys
Auto Compensation	Automatically compensates for the effect of pure aluminum packaging without the need for calibration
QA Test Routine	Initiates the Quality Assurance procedures for passing test samples either on demand or by time interval
FM Software	Unique software filtering system for enhancing performance while minimising false rejects
Configurable Password	Flexible security protection for critical parameters and product set-up information
Retailers Specification	System monitoring to satisfy supermarket requirements, & EFSIS/ BRC standards, for end of line inspection
Flash RAM	Flash Memory technology prevents information loss
Modular Design	Fewer product parts results in greater reliability

PHANTOM IN-FOIL OPTIONS

Vector Conveyor	Compatibility with the full range of Vector conveyor systems for end of line inspection
Remote Mounting	Display Panel terminal can be mounted remotely
Portable Display Terminal	Display terminal can be utilised as a portable device
Detector Orientation	Horizontal / Vertical

SPECIFICATIONS

Construction	304 Stainless Steel
Aperture sizes	350x125, 350x175, 450x200 mm (14"x 5", 14"x 7", 18"x 8")* * custom sizes available, please inquire regarding stock sizes
Remote Control Range	Up to 4000 ft / 1,200 m
Electrical	90-250v, 8 amp
Rating	IP69K / NEMA 4X
Communications	RS485, Optional: Ethernet / Wireless, via CONTACT Software

Make your Phantom metal detector a Critical Control Point with CONTACT Communication Software

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www.fortresstechnology.co.uk