

FORTRESS PHANTOM[®]

Metal Detector



Fortress PHANTOM Series Metal Detector

Simple
Operation

Outstanding
Reliability

Exceptional
Performance

The PHANTOM Series Advantage

The unique Fortress Phantom Metal Detector utilises the latest Digital Signal Processing technology to detect and reject ferrous and non-ferrous metals, including stainless steel. With the highest processing power, Phantom systems are renowned for their superior speed, accuracy and ease-of-use.

Applications

Bakery, Meats, Packaged Products, Ready Meals, Dairy, Healthcare, Confectionery, Fresh/Chilled/Frozen Foods

Overview

Available in aluminum or stainless steel with a wide variety of aperture sizes, Phantom Metal Detectors are built rugged to withstand the harshest applications. For heightened stability and performance in wet product applications, the IP69K certified BSH Extra Rugged Casing is utilised. An epoxy chute provides a complete waterproof seal on IP69K rated units.

Available Options



Ferrous In Foil



Integrated Vector Conveyor

Key Technologies

Core DSP
Unparalleled Precision

UltraSense
Ultra Sensitive Detection

AutoTest
Self Diagnostics Testing

AutoCal
System Set-Up in Seconds

ADVANCED PHANTOM FEATURES

Core DSP	Digital Signal Processing (DSP) technology provides unparalleled precision, speed, and detection results
UltraSense	Maintains high sensitivity levels to detect the smallest metal contaminants
AutoTest	Auto Test ensures consistent performance and saves costs
AutoCal	Automatic Calibration at the touch of a button
True Auto Balance	Exceptional recovery from large metal contaminants so avoiding detector "blindness"
Dual Power / Frequency	Enables automatic compensation for extreme product characteristics (eg. metallised and non metallised packaging)
Product Library	Individual product settings can be stored and recalled for use quickly and reliably to simplify product changeover
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

METAL DETECTOR OPTIONS

Aperture Lining	Epoxy resin with labyrinth design seal for heavy wash down, or dry liner for wipe down applications
BSH Extra-Rugged Casing	Vibration immunity and stability in heavy duty applications
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	Aluminum epoxy painted or Stainless Steel
Aperture sizes	Wide range from 25-1525 mm x 25-635 mm (1-60" x 1-25")* * custom sizes available, please inquire regarding stock sizes
Remote Control Range	Up to 4000 ft / 1,200 m
Electrical	90-250v single phase, 1 amp
Rating	Stainless Steel w/ BSH - Nema 4X / IP69K Aluminum Construction - Nema 4 / IP65
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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