

# FORTRESS PHANTOM<sup>®</sup>

## E-Type Metal Detector



### Fortress PHANTOM Series E-Type Metal Detector

Simple  
Operation

Outstanding  
Reliability

Exceptional  
Performance

### The PHANTOM Series Advantage

The unique Fortress Phantom E-Type 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

With its slim dimensions, the Phantom E-Type metal detector fits where standard metal detectors can't! It's specifically designed for easy integration into other manufacturers' end-of-line machinery, such as checkweighers and weigh price labelers, where space can be a premium.

Systems are available in several aperture sizes with full stainless steel construction. For heightened stability and performance, BSH extra rugged casing is utilized.

Simple to install and operate, the E-Type system provides accurate inspection of products and packages. It can detect ferrous, non-ferrous, and non-magnetic stainless steel.

FORTRESS  
Technology

### Key Technologies

#### Core DSP

Unparalleled Precision

#### UltraSense

Ultra Sensitive Detection

#### AutoTest

Self Diagnostics Testing

#### AutoCal

System Set-Up in Seconds

## ADVANCED PHANTOM FEATURES

<b>Core DSP</b>	Digital Signal Processing (DSP) technology provides unparalleled precision, speed, and detection results
<b>UltraSense</b>	Maintains high sensitivity levels to detect the smallest metal contaminants
<b>AutoTest</b>	Auto Test ensures consistent performance and saves costs
<b>AutoCal</b>	Automatic Calibration at the touch of a button
<b>True Auto Balance</b>	Exceptional recovery from large metal contaminants so avoiding detector "blindness"
<b>Dual Power / Frequency</b>	Enables automatic compensation for extreme product characteristics (eg. metallised and non metallised packaging)
<b>Product Library</b>	Individual product settings can be stored and recalled for use quickly and reliably to simplify product changeover
<b>QA Test Routine</b>	Initiates the Quality Assurance procedures for passing test samples either on demand or by time interval
<b>FM Software</b>	Unique software filtering system for enhancing performance while minimising false rejects
<b>Configurable Password</b>	Flexible security protection for critical parameters and product set-up information
<b>Retailers Specification</b>	System monitoring to satisfy supermarket requirements, & EFSIS/ BRC standards, for end of line inspection
<b>Flash RAM</b>	Flash Memory technology prevents information loss
<b>Modular Design</b>	Fewer product parts results in greater reliability

## E-TYPE OPTIONS

<b>Aperture Lining</b>	Epoxy resin with labyrinth design seal for heavy wash down, or dry liner for wipe down applications
<b>BSH Extra-Rugged Casing</b>	Vibration immunity and stability in heavy duty applications
<b>Control Panel Mounting</b>	Display Panel can be integrated into the front face of the detector, or mounted as a separate control box on top
<b>Detector Orientation</b>	Horizontal / Vertical

## SPECIFICATIONS

<b>Construction</b>	Stainless Steel
<b>Aperture sizes</b>	150x100, 250x150, 350x150 mm (6"x 4", 10"x 6", 14"x 6")* * custom sizes available, please inquire regarding stock sizes
<b>Remote Control Range</b>	Up to 4000 ft / 1,200 m
<b>Electrical</b>	90-250v single phase, 1 amp
<b>Rating</b>	Stainless Steel w/ BSH - IP67
<b>Communications</b>	RS485, Optional: Ethernet / Wireless, via CONTACT Software



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

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