

FORTRESS PHANTOM[®]

Meat Pump Metal Detector



Fortress PHANTOM Series Meat Pump Metal Detector

Simple

Operation

Outstanding

Reliability

Exceptional

Performance

The PHANTOM Series Advantage

The unique Fortress Phantom Meat Pump 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

Pumped Meat
(sausage)



Overview

The Phantom Meat Pump metal detector is ideally suited for the inline inspection of meat products on the exit of a vacuum filler. The system is compatible with most leading vacuum fillers / sausage stuffer machinery for simple connection via its hinged mounting assembly plus customised fittings.

The ultra-slim detector fits where other detectors can't, integrated between processing equipment where space can be a premium. No obtrusive support frame is required, and there are no external boxes necessary to accommodate electronics.

Phantom Meat Pump detectors are built rugged to withstand harsh meat processing environments with IP69K certified Stainless Steel construction. Quick release fittings enable ease of cleaning with high pressure / temperature washdown.

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

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
Intuitive User Interface	Provides dedicated shortcut keys
Flash RAM	Flash Memory technology prevents information loss
Modular Design	Fewer product parts results in greater reliability

CONTROL OPTIONS

Integrated Panel	Control Panel is built into the detector
Remote Mounting	Display Panel terminal can be mounted remotely
Multiple Detector Control	One display panel can operate a number of detectors
Portable Display Terminal	Display terminal can be utilized as a portable device

MEAT PUMP OPTIONS

Automatic Reject	Various reject options / valves to satisfy specific application requirement
Torsion / Linker Drive	Suitable for fillers with or without linker assembly
Quick Release Fittings	Compatible with proprietary vacuum fillers

SPECIFICATIONS

Construction	Stainless Steel and food approved plastics
Pipe Material	Nylon
BSH Extra-Rugged Casing	Vibration immunity and stability in heavy duty applications
Pipe Diameter	1.5" / 2" / 3" / 4" (35 / 50 / 75 / 100 mm)* * custom sizes available upon request
Installation Length	320 mm
Pressure Range	Typically 10 ~ 100 psi (1~7 bar)** ** greater range available with optional pipe style
Temperature Range	Typically 14°F ~ 210°F (-10°C ~ 100°C)** ** greater range available with optional pipe style
Rating	NEMA 4X / IP69K
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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