

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.

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

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|-------------------------------|---|
| 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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World Class Metal Detector Technology
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