

FORTRESS PHANTOM[®]

Laboratory Metal Detector



Includes:



Good Product Bin



Reject Bin

Fortress PHANTOM Series Laboratory Metal Detector

Simple
Operation

Outstanding
Reliability

Exceptional
Performance

Key Technologies

Core DSP
Unparalleled Precision

Ultra-Sense
Ultra Sensitive Detection

Auto-Test
Self Diagnostics Testing

Auto-Cal
System Set-Up in Seconds

The PHANTOM Series Advantage

The unique Fortress Phantom Lab Metal Detector utilizes 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

Flour, Rice, Cereals, Powders, Corn,
Sugar, Chemicals, Nuts

Overview

Typically sold in conjunction with a Gravity or Large Bag detector, the Phantom Lab Metal Detector is used to quickly filter out metal contaminants from rejected bulk product. The Lab system is situated offline to further examine the rejects from an inline detector. Not only does it offer an efficient method of finding the metal contaminants, it also enables QA to closely identify the origin of a problem in addition to reclaiming good product.

The Laboratory Metal Detector system is ergonomically designed with a hopper for ease of hand-feeding product through its plastic pipe section. The compact unit is made portable via a floor stand with castors.

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

Laboratory System Features

Aperture Type	Round or rectangular – standard and custom
Diverter Valve Reject System	Flap-gate
Floor Stand	Support frame included, fully assembled
Portability	Compact unit with lockable / swivel castors easily moves from room to room
Castors	Plated / Stainless Steel
Bins	Two bins included: Good product and Rejected product
Alarm	Audible Alarm / Visual Alarm Beacon

Specifications

Construction	Detector: Aluminum epoxy painted or Stainless Steel Valve: All Stainless Steel
Standard Pipe Diameter	3" (75 mm)* * custom sizes available
Rating	NEMA 4** / IP65 (HAZLOC – Class 2, Div1 & 2 available) ** upgradeable to NEMA 4X / IP69K
Air	80 psi (4-5 bar)
Electrical	90-250v single phase, 1 amp
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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