

PHANTOM[®]

Pharmaceutical Metal Detector



The PHANTOM[®] Advantage

The unique Fortress Pharmaceutical 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

Tablets, Capsules, Nutraceuticals,
Pharmaceuticals, Bubble Gum
Tablets, Extruded Candy

Overview

With its current GMP design and construction suited for FDA compliance, the Phantom Pharmaceutical metal detector meets the demanding quality standards and regulations required by the industry. It detects the tiniest of metal contaminants in high speed product lines with a throughput of 30,000 tablets per minute.

The strong and compact mirrored stainless steel casing makes the system able to withstand harsh cleaning applications. To prevent any cross contamination, all contact parts are removable without tools.

The Pharmaceutical detector can integrate with any tablet press using a convenient electric powered height adjustment and manual head tilt settings. A side diverter reject system is included.

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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

ADVANCED PHARMACEUTICAL FEATURES

Powered Lift	Powered linear actuator for height adjustment
Head Tilt	Adjustable head tilt angle
Removable Parts	Easy access for cleaning with FDA approved contact parts – no tools required
Portability	Compact unit with lockable / swivel castors easily moves from room to room
IQ/OQ Validation Package	Installation / Operation Qualification documentation and procedures are provided for performance validation
CGMP & FDA Compliant	Design and construction meet the standards of Current Good Manufacturing Practices according to FDA regulations
Iron Compatibility	Automatic configuration of iron-enriched products
Simplified Software	Non-applicable features are removed from standard menu
Complete Kit	Includes Side Divert reject, reject catcher, validation manual

SPECIFICATIONS

Construction	Stainless Steel
Aperture Sizes	3" x 1", 4" x 1.5" (75 x 25 mm, or 100 x 40 mm)* * custom sizes available
Throughput	Up to 30,000 tablets per minute
Height Adjustment	8" (200 mm) range Powered lift
Sensitivity	From 0.15 mm Ferrous & Non Ferrous, 0.3 mm Stainless Steel (300 series)
Electrical	90-250 v single phase, 1 amp
Rating	IP65 / Nema 4
Communications	RS485, Optional: Ethernet / Wireless, via CONTACT Software



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