

FORTRESS VERTeX

Vertex Metal Detector



Fortress PHANTOM Series Vertex Metal Detector

Simple
Operation

Outstanding
Reliability

Exceptional
Performance

The PHANTOM Series Advantage

The unique Fortress Phantom Vertex 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

Snacks, Frozen Vegetables,
Cereals, Powders



Overview

Ideal for inline processing applications where space is limited, the ultra-slim Vertex detects metal contaminants in freefalling product prior to final packaging. Typically situated between a Multihead Weigher and a Vertical Form Fill Seal machine, product is gravity fed through the detector's aperture before being sealed in a pouch by a bagger.

Vertex is the best-suited solution for applications where packaging is metallic or too large for standard detectors. Using Core DSP technology, the system detects the smallest metal contaminants including pieces of wire, shavings and swarf.

Vertex includes a mountable remote control box that provides all the intelligence and first-rate functionality of Phantom digital technology. Additionally, custom designed support frames are available, allowing for easy installation.

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

Remote Mounting	Display Panel terminal can be mounted remotely
Multiple Detector Control	One display panel can operate a number of detectors

VERTEX OPTIONS

Customized support frame	For easy installation
Paint Finish	Metallic Grey / White
Mounting	Fixed / Pivot / Slide Out
Compatible Baggers & Weighers	Industry standard mounting and integration to all Multihead Weighers and Vertical Form Fill Seal machines
System Integration	Bagger touch screen integration
Reject	Output interlocks to bagger

SPECIFICATIONS

Construction	Aluminum painted case* * stainless steel available upon request
Aperture sizes	6.5" / 8.5" (165 mm / 216 mm)
Remote Control	10 ft (3 m) cable included with remote as standard
Remote Control Range	Up to 4000 ft / 1,200 m
Electrical	90-250v single phase, 1 amp
Rating	Nema 4 / IP65
Communication	RS485, Optional: Ethernet / Wireless, via CONTACT Software



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

Fortress Technology Inc.
51 Grand Marshall Dr,
Toronto, Ontario
M1B 5N6, Canada
Tel: 1-888-220-8737
sales@fortresstechnology.com

Fortress Technology Europe
7/9 Beaumont Business Ctr.
Beaumont Close, Banbury
OX16 1TN UK
Tel: +44 (0) 1295 256 266
info@fortresstechnology.co.uk

Simple Operation **Outstanding** Reliability **Exceptional** Performance

World Class Metal Detector Technology
www.fortresstechnology.co.uk