

# FORTRESS PHANTOM<sup>®</sup>

Web Metal Detector



## Fortress PHANTOM Series Web Metal Detector

Simple  
Operation

Outstanding  
Reliability

Exceptional  
Performance

### The PHANTOM Series Advantage

The unique Fortress Phantom Web 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

Carpet, Textiles, Paper, Board,  
Plastics, Rubber, Sheeted Wood

### Overview

Designed for the inspection of wide thin products that are typically sheeted or on a roll / web, Phantom Web Metal Detectors are ideal for ensuring product integrity in addition to providing machinery protection against metal fragments.

Available in aluminum construction with a wide variety of aperture widths, systems are built rugged to withstand the harshest applications.

### Available Option - Multiscan

For very wide product applications, the detector may be divided into "Multiscan" individual sensing sections for more accurate results.



### Key Technologies

**Core DSP**  
Unparalleled Precision

**UltraSense**  
Ultra Sensitive Detection

**AutoTest**  
Self Diagnostics Testing

**AutoCal**  
System Set-Up in Seconds

## ADVANCED PHANTOM FEATURES

<b>Core DSP</b>	Digital Signal Processing (DSP) technology provides unparalleled precision, speed, and detection results
<b>UltraSense</b>	Maintains high sensitivity levels to detect the smallest metal contaminants
<b>AutoTest</b>	Auto Test ensures consistent performance and saves costs
<b>AutoCal</b>	Automatic Calibration at the touch of a button
<b>Intuitive User Interface</b>	Provides dedicated shortcut keys
<b>Flash RAM</b>	Flash Memory technology prevents information loss
<b>Modular Design</b>	Fewer product parts results in greater reliability

## CONTROL OPTIONS

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

## WEB SYSTEM OPTIONS

<b>Multiscan</b>	Individual sensing areas (for larger systems)
<b>Pinpoint vs Phantom</b>	Choice of analog or digital electronics
<b>Alarm</b>	Output connection for alarm box
<b>Reject</b>	Line stop
<b>Shielding</b>	Shielded or non-shielded construction
<b>Paint Finish</b>	Metallic Grey / Black

## SPECIFICATIONS

<b>Construction</b>	Epoxy coated Aluminum
<b>Inspection Width</b>	Range from 12" ~ 235" (300 ~ 6000 mm)* * custom sizes available, please inquire regarding stock sizes
<b>Remote Control Range</b>	Up to 4000 ft / 1,200 m
<b>Electrical</b>	90-250v single phase, 1 amp
<b>Rating</b>	Nema 12 / IP54 (Nema 4 available)
<b>Line Speeds</b>	2000 ft per minute (600 m / min)
<b>Communications</b>	RS485, Optional: Ethernet / Wireless, via CONTACT Software



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

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