

# FORTRESS PHANTOM<sup>®</sup>

Pipeline Metal Detector



## Key Technologies

**Core DSP**  
Unparalleled Precision

**UltraSense**  
Ultra Sensitive Detection

**Auto Test**  
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

## PIPELINE OPTIONS

<b>Diverter Valve Reject System</b>	Various valve styles available including Ball / Plunger – dependent on application
<b>Reject Confirmation</b>	Confirms correct valve operation upon rejection
<b>Pipe Material</b>	Nylon / Teflon / other food approved plastics – dependent on pressure / temperature of application
<b>Heated Water Jacket</b>	Keeps product at a constant temperature
<b>Connection Types</b>	Sanitary clamp / I-Line / Acme threaded

## SPECIFICATIONS

<b>Construction</b>	Stainless Steel and food approved plastics
<b>Pipe Diameter</b>	1.5" / 2" / 3" / 4" (35 / 50 / 75 / 100 mm)* * custom sizes available upon request
<b>Pressure Range</b>	Typically 10 ~ 100 psi (1~7 bar)** ** greater range available with optional pipe style
<b>Temperature Range</b>	Typically 14°F ~ 210°F (-10°C ~ 100°C)** ** greater range available with optional pipe style
<b>Rating</b>	NEMA 4X / IP69K
<b>Communications</b>	RS485, Optional: Ethernet / Wireless, via CONTACT Software

