

# PHANTOM Gravity Metal Detector

## 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

Integrated Panel	Control Panel is built into the detector
Remote Mounting	Display Panel terminal can be mounted remotely
Multiple Detector Control	One display panel can operate a number of detectors
Portable Display Terminal	Display terminal can be utilised as a portable device

## GRAVITY SYSTEM OPTIONS

Aperture Type	Round or rectangular – standard and custom
Diverter Valve Reject System	Flap-gate or Cowbell
Floor Stands	Support frame for easy installation, ceiling or floor mount
Reject Confirmation	Confirms proper valve operation upon rejection
Test Ball Retrieval Drawer	Allows for ease of manual testing
Alarm	Audible Alarm / Visual Alarm Beacon
Air Failsafe System	Diverts system to reject on loss of power or loss of air

## SPECIFICATIONS

Construction	Detector: Aluminum epoxy painted or Stainless Steel Valve: All Stainless Steel
Standard Pipe Diameters	75 / 150 / 200 mm * (3" / 6" / 8") * custom sizes available
Rating	NEMA 4** / IP65 (HAZLOC – Class 2, Div1 & 2 available) ** upgradeable to NEMA 4X / IP69K
Remote Control Range	Up to 1,200 m / 4000 ft
Air	80 psi (4-5 bar)
Electrical	90-250v single phase, 1 amp
Communications	RS485, Optional: Ethernet / Wireless, via CONTACT Software



**Fortress Technology (Europe) Ltd.**  
The Phantom Building  
7 Beaumont Road, Banbury  
OX16 1RH UK  
Tel: +44 (0) 1295 256 266  
info@fortresstechnology.co.uk

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

**Fortress Technology Sistemas  
de Inspeção Ltda.**  
Rua Danilo Valbuza nº 585, Bairro  
Laranjeiras, Caieiras São Paulo,  
CEP. 07700-000.  
Fone: 55-11-3641-6153  
vendas@fortress-iis.com.br

[www.fortresstechnology.co.uk](http://www.fortresstechnology.co.uk)