

Quality on the move...

FORTRESS PHANTOM



WORLD CLASS METAL DETECTION SYSTEMS



Simple Operation
Outstanding Reliability
Exceptional Performance



DYNAMIC
INSPECTION
LIMITED

Technology at work for you

With products that simply work day-in-day-out on the production line, Fortress offers the most practical and functional metal detection solutions available. The success of Fortress' products is based on three pillars: Simple Operation, Outstanding Reliability, Exceptional Performance.

Simple Operation

From initial system design through to installation and set-up, Fortress metal detectors are straight forward and simple to use. The systems are very power efficient. Product set up, calibration and testing are all easily performed without special training.

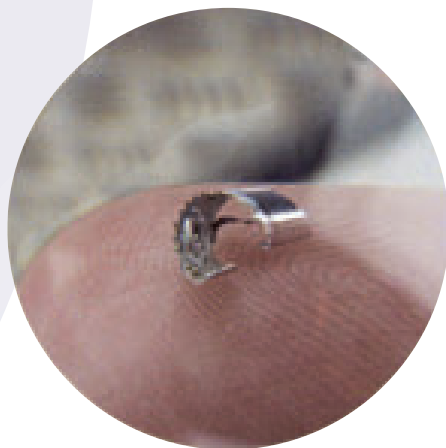


Outstanding Reliability

With 50-60% less parts than competitors' products, attention to power efficiency and a superior integral design, Fortress detectors have proven to be extremely rugged and reliable particularly in hot environments. The unique wide range of the Automatic Balance system eliminates any need for manual balance adjustments under ambient conditions that can go from a freezer tunnel to a bakery oven output.

Exceptional Performance

With superior features, intuitive operation, rugged design, and system self-calibration, the performance of Fortress metal detectors is unmatched. Dynamic Inspection's highly trained team of engineers and sales representatives always work closely with customers to ensure that their needs are fulfilled.



Ultra Sense: High Sensitivity models improve detection levels by up to 30% compared to International Standards

The HS Fortress models developed by Fortress Technology have set a new bench mark in the detection of metal fragments especially in non-magnetic stainless steel.

By utilising a special coil structure and signal analysis software the HS Fortress can detect smaller contaminant than other current generation detectors. Moreover, the system performs to a high specification in harsh production conditions including electrical noise and vibration.



Standard Features

- 100 Product Library
- 32 Bit DSP chip
- Automatic self diagnostics
- Auto vibration compensation
- Auto Product compensation
- Programmable auto testing
- Signal strength display
- Upgradable operating software
- Flash memory, no batteries
- Digital noise filters
- EMC compliance
- RS485 comms to external equipment
- 24 month warranty



Available Options

- Touch Screen Control Panel
- Reject confirmation
- Reject bin full
- Ethernet connectivity

- CONTACT data management software
- Visual / Audible Alarm Beacon
- Air Failsafe Reject System
- Remote Control Panel

Reject systems: Air Blast, Pusher, Belt retract, Drop flap all custom built to order

Technical Specifications

Finish	304 stainless steel with 4B bead blast finish
Power Consumption	4VA
Operating Temperatures	-10°C to +65°C
Relative Humidity	0% to 95% relative humidity (non condensing)
Electrical Supply	90-250VAC single phase
Environment	IP 65 or IP 67
Serial Ports	RS 232/485, Optional: Ethernet & wireless Ethernet
Outputs	Alarm, Reject, Test request, Fault, 2nd Reject

Fortress Technology customised for you

We custom build every machine to meet your specific needs. Fortress PHANTOM detectors can be intergrated into any type of processing application.



Conveyorised Systems

- Heavy duty frame
- Multiple reject options
- Allen Bradley VSD as standard



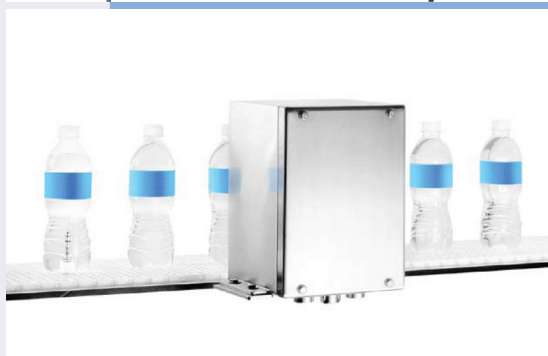
Gravity Fall Systems

- Custom throat sizes
- Auto reject options, reject confirmation
- Test piece retrieval draw
- High sensitivity model available for the best performance
- Anti-static product pipe



Pipeline Systems

- To suit any pipe size
- CIP auto reject valves
- Easy clean divert valves



Pad Systems

- Vent tube and contaminant detection for bottling lines
- Ignores metal caps, foil seals etc
- Complete system to mate to existing lines



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