



J-Pak Technology Guide



Metal Detector



FORTRESS
TECHNOLOGY

Stealth

Quality Control Equipment



FORTRESS TECHNOLOGY **Stealth**
Quality Control Equipment • Metal Detectors



Food Metal Detector

Stealth Metal Detectors use powerful Digital Signal Processing technology and have high sensitivity levels to ensure the detection of the smallest ferrous, non-ferrous, and stainless steel contaminants. Custom manufactured to suit any application, Stealth detectors are available in either stainless steel or aluminum construction. Built in data collection and Contact Reporter Software make them a critical control point in preventing product contamination. Custom Conveyor Systems can be manufactured to the specifications of any application, easily integrated into existing production lines.

Superior speed, accurate
Easy To Use



What is a Metal Detector... and how Digital Signal Processing (DSP) work

Three coils are wound exactly parallel on a non-metallic frame. The center coil is connected to a high-frequency radio transmitter. Two transmission-receiving coils sit on either side of the center coil.

The Science Behind Metal Detector



Ideal For These Applications



NE - NFE - Stainless Steel

Test Pieces Available

An automatic Reject Valve can be incorporated into the system to remove contaminated product from the flow. Additionally, a test ball retrieval drawer is offered, allowing for ease of manual testing.

Key Benefits

- ✓ Core DSP for precision, speed, and detection
- ✓ UltraSense Detection
- ✓ Automatic Calibration at the touch of a button

More Incredible Technology from the J-Pak Fortress Product Range



▶ See this technology in action the video on our website



Contact our sales team for a quotation
011-825-0300

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www.jpak.co.za