

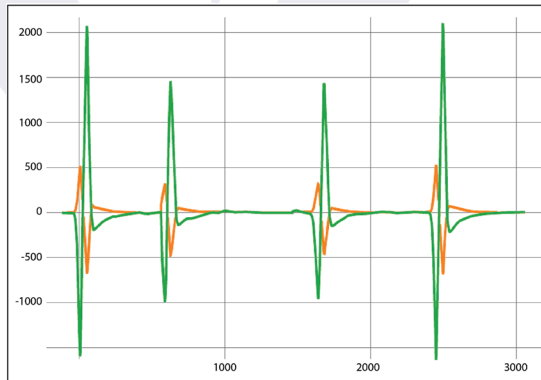
HALO[®] Automatic Testing System

The revolutionary Halo automatic metal detector testing device saves time, money, and labor while ensuring compliance with industry standards. It is designed to automatically test ferrous, non-ferrous and stainless steel samples on all Fortress metal detectors.

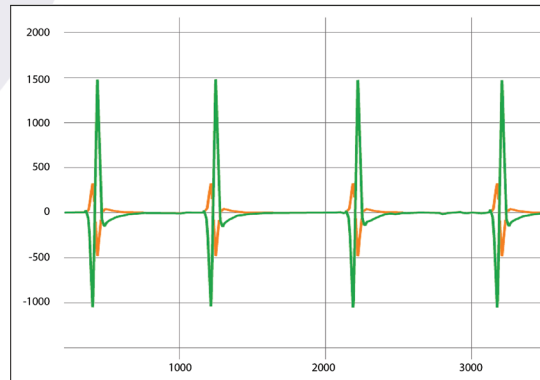
The Halo system is ideal for challenging applications where manual testing is difficult due to access, position, and environmental conditions. Halo harnesses the signal generated by a conductive loop outside of the detector to create a disturbance on its receiving coil, simulating metal detection.

1.5 MM FERROUS TEST SAMPLE

SIGNAL GENERATED BY MANUAL TEST



SIGNAL GENERATED BY HALO



CALIBRATION AND TESTING

The Halo system calibrates to mimic specific metal sphere sizes and types, producing identical interference signals. It can generate multi-level signals, like replicating a 1.5 mm ferrous metal sphere when initiated and then, with a different prompt, produce a signal matching a 2.0 mm stainless steel sphere.

EXTERNALLY OPERATED SYSTEM

The Halo system operates externally from the detector, ensuring that test results are independent of the detector's control. This complete test method offers greater repeatability compared to manual tests, where controlling the test piece's position within the aperture is challenging. The system is integrated during manufacture or can be added to certain existing Fortress detectors.

KEY FEATURES:

- Saves Time and Money
- Decreases Manual Testing, Reduces Downtime, and Shortens Testing Time through Accurate Testing at Programmable Intervals
- Reproduces Signals from Ferrous, Non-Ferrous, and Stainless Steel Metal Samples
- One-Button Detector Testing with Quick System Setup
- Conveyor Applications with Matching Belt Speed (Halo Set), Product Testing at Front, Middle, and Back with Conveyor Applications
- Multiple Custom Test Levels, Tamper-Proof
- Eliminates Workplace Safety Risks, Negates Human Error
- Auditor Approved, Detailed Data Collection and Reports Compliant with HACCP & GFSI Requirements

CONTACT⁴

DATA COLLECTION 4.0

Data Collection System

Contact 4.0 automatically collects real-time data from enabled Fortress Technology metal detectors and checkweighers. Simply log into the web-based appliance and access the Contact 4.0 webpage from your PC or tablet to view live event logs and create comprehensive performance reports ideal for quality assurance record keeping. Remotely monitor the status of all network connected Fortress systems from a high-level grouping or drill down to specific equipment. Set up automated e-mail reports per shift, day, week or on a product change. Set up email alerts triggered by detection events such as faults, warnings, and other time-sensitive functions to ensure product quality and safety around the clock.



SECURE AND RELIABLE

Access from anywhere on your network. Records are kept secure by user access levels.



EASY TO USE

Access the web interface with most web browsers, no special software required. Automate record keeping and enhance traceability.



EFFICIENT MONITORING

View status from all Fortress Equipment at a glance. Setup email alerts for batch reports and maintenance issues.

KEY FEATURES:

- ▶ Web-Based Interface
- ▶ Multi-Level User Access
- ▶ Configurable Email Live Status Alerts & Reports
- ▶ Connect to all Fortress Systems on Network
- ▶ High-Level Overview with Drill down
- ▶ Internal or External Database
- ▶ Unit Settings Linked to Events
- ▶ Automated recording of Performance Verifications
- ▶ Remote Accessible
- ▶ Reports Generated on Demand or on Schedule
- ▶ Live Statistics View
- ▶ Link Events To Users

Simple Operation. Outstanding Reliability. Exceptional Performance.

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FORTRESS
TECHNOLOGY