



- PRESS RELEASE -

## World Class Metal Detection Systems

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### **FORTRESS TECHNOLOGY'S VFFS APPLICATION VERTEX METAL DETECTOR EFFECTIVELY KEEPS A LOW PROFILE**

(Toronto) Fortress Technology's most compact metal detector, the *Phantom* Series Vertex model, fits in restricted spaces where other detectors can't. The inline system is designed to integrate with Vertical Form Fill Seal machines for pouch-packing solutions – typically situated beneath a Multihead weigher in snack food and powder processing applications. Vertex utilizes the latest Digital Signal Processing technology to protect freefalling product at high speeds, detecting and rejecting the smallest metal contaminants including pieces of wire, shavings and swarf.

Despite its slim stature, Vertex achieves the same high sensitivity levels as other *Phantom* detector models within a drastically reduced housing. It also incorporates all the intelligence, functionality plus user-friendly operation of the cutting-edge *Phantom* digital technology via a mountable remote control box.

Vertex is well-suited for metallized film applications, as raw product inspection yields higher sensitivity levels than the limited performance attainable when scanning the finished product within its metallic packaging. Vertex also serves as an alternative metal detection solution in plants where space is unavailable to accommodate the installation of a standard conveyor-based detector.

Vertex units are Aluminum constructed and are available in standard sizes with the option of custom-designed support frames for ease of installation.

[www.fortresstechnology.com](http://www.fortresstechnology.com)

Attachment: image showing the *Phantom* Vertex Metal Detector (remote control panel included). The system is designed for VFFS packaging applications involving freefalling product.

Fortress Technology is a world leader in the design and manufacture of the highest quality metal detector systems for the food processing, pharmaceutical, material handling and packaging operations.

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**Simple Operation • Outstanding Reliability • Exceptional Performance**