

XTREME

METAL DETECTOR



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XTREME METAL DETECTOR



The Eriez Xtreme® Metal Detector incorporates a multi-frequency unit, designed to achieve the highest levels of sensitivity to detect small ferrous, non-ferrous and stainless steel metal contamination in packaged, loose and free-fall applications.

Eriez' high quality performance Xtreme® Metal Detector detects down to 0.4mm Fe spheres for superior machinery protection and product quality monitoring.

FEATURES

- Multi-frequency operation achieving maximum detection sensitivity of ferrous, non-ferrous and stainless steel metal contaminants in packaged, loose and free-fall applications
- Available in a wide range of aperture widths and heights
- Stainless steel construction as standard
- High pressure wash down design – IP69K
- 7" easy-to-use touch screen interface
- Easy set-up and product learning
- Reporting (including log / tracks / rejects / faults, power on/off, warnings, product, settings and operator changes)
- Four password protected levels of access
- Multiple USB and interface ports



A wide range of variables can affect a metal detector's sensitivity. Some of these include:

Known variables affecting metal detectability

- Product temperature
- Product characteristics like moisture and salt content
- Aperture opening size
- Packaging material – foil or recycled paper
- Packaging labels or markings

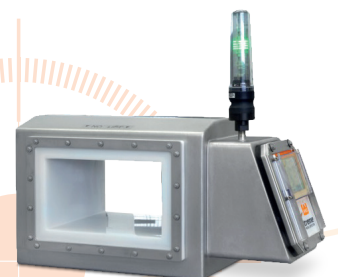
Unknown variables affecting metal detectability

- Size, type and orientation of tramp metal
- Excessive vibration/improper installation
- Adverse electromagnetic interference

MODELS

XTREME TUNNEL

Eriez Xtreme Tunnel Metal Detectors are custom manufactured to suit any in-line processing application where space is limited. The Xtreme's state-of-the-art technology ensures you are always detecting ferrous, non-ferrous and stainless steel contaminants.



TUNNEL DETECTOR WITH CONVEYOR

Tunnel Detector with Conveyor integrates the Xtreme aperture detector with a high-pressure wash-down conveyor. These systems can be ordered in a wide range of sizes with a myriad of optional equipment and are available in standard designs. Some of the main features include:

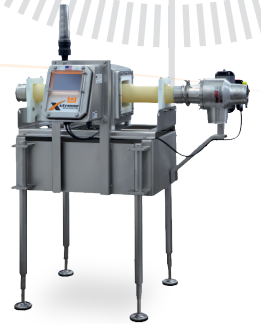
- Continuously welded 304 stainless steel construction
- Single point of power in 110/220 VAC
- Food-grade belts



XTREME LIQUID LINE

Xtreme Liquid Line Metal Detector systems are designed for liquids, pastes, slurries or other viscous products where high-sensitivity metal detection is required. The detector head, support plate and reject valve are constructed of 304 stainless steel. The system can be mounted vertically or horizontally.

- Kynar pipe with stainless steel tri-clover
- Available in pipe sizes 38mm–102mm diameter



XTREME PHARMACEUTICAL DETECTOR

The Xtreme Pharmaceutical Detector is designed to inspect tablets and capsules that are gravity fed from the tablet press.

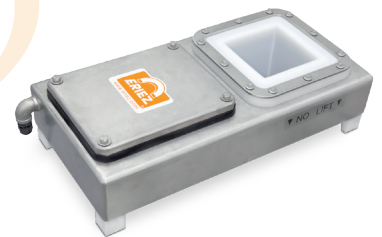
- 38mm H x 115mm W or 23mm H x 102mm W
- Polished 304 stainless steel sensing head and frame
- Tool-less disassembly for all product contact components for easy cleaning
- Two-piece, easy-to-remove throughput chute
- Compact design for space-restricted areas



XTREME VERTICAL FILL SEAL

The Xtreme Vertical Fill Seal (VFS) units are designed to mount into space-restricted areas below Vertical Form and Fill machines.

- Manufactured from stainless steel
- Remotely housed electronics
- 102mm through dimension



XTREME WEBLINE

Eriez' Xtreme Webline Metal Detectors are engineered for use on webbing or sheet applications.

- Stainless steel construction
- Narrow profile design
- Remote electronics



XTREME VERTICAL DROP

Eriez' Xtreme Vertical Drop Detectors are engineered for use in gravity free-fall applications.

- Stainless steel construction
- Low-profile design



ERIEZ' WORLDWIDE NETWORK OF MANUFACTURING, SALES & SERVICE



Manufacturing Affiliates in: Australia, Brazil, Canada, China, India, Japan, Mexico, South Africa, United Kingdom, USA



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