



# Metal Detector for Tubes

precise | quick | suitable for production processes

## Advantages

- Detects magnetic and non-magnetic metallic impurities – at the highest level
- Reduces costs related to machine damage and lost production
- Ensures product quality
- Protects against complaints
- Quickly pays for itself



# The metal detector to install in pipework

The closed tube metal detector with a round opening is mostly integrated into piping (free-falling, blown or pumped) to inspect bulk materials, fibers or liquid / pasty products. It detects all magnetic and non-magnetic metallic impurities (steel, stainless steel, aluminum etc.) even if enclosed in the product. If metal is detected, a signaling mechanism or a separating system can be driven or a signal can be sent to the process control system.

## Characteristics

- Optimum detection and improved precision in detecting metals in the entire range of the tunnel via an increased operating frequency.
- Password-protected system log and menu-controlled validation system to conform to HACCP, IFS, BRC quality monitoring.

- Can be installed in vertical, angled or horizontal lines carrying material.
- Very mechanically robust and high resistance to interference making it largely insensitive to vibration, bumps and temperature variations.
- Made of glass bead blasted stainless steel with protection category IP 65 (higher category on request).

## Options

- Perfect adaptation to customer-specific requirements via 34 coil sizes for all common pipe sizes.
- Its use is universal due to optional multi-frequency technology.



■ Example installation: Free fall system for powder.

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We reserve the right to make changes.