



Union Special Medway

GRAVITY METAL DETECTOR





APPLICATIONS

- Flour
- Rice
- Cereals
- Powders/Grains
- Corn
- Sugar
- Confectionery
- Chemicals
- Nuts



Gravity Metal Detectors are designed for use in free-falling applications to inspect a wide range of products including flour, rice, cereals, sugar, and powders or grains. Systems are available with a selection of pipe sizes and the Diverter Valve reject system is typically used to move contaminated product into a reject tank.

Gravity 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 gravity applications, these 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 (optional).

TECHNICAL FEATURES

- Specifically applicable for vertical filling processing of big volume bulk materials like powder, rice, beans, pet food etc.
- Minimized metal free zone with rapid rejection system.
- Detector head by hard-fill technology provides stable and high metal sensitivity.
- Auto parameter setting by intelligent product learning.
- Enhanced detecting stability by intelligent phase tracking technology.
- Able to detect all kinds of metal, such as iron, stainless steel, copper, aluminum, etc.
- SS304 frame and major hardware parts by CNC tooling.

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