

# Gravity Feed Metal Detection System 402

Thermo Goring Kerr

System 402: Gravity Feed Metal Detection for Powder and Granules



METAL DETECTORS

WEIGHING SCALES

X-RAY SYSTEMS

PRODUCT INSPECTION  
SERVICES

Since 1948, Thermo Goring Kerr has been setting the world standards in the design and manufacture of Contaminant Detection Systems.

Our customers require increasingly sensitive and sophisticated detection equipment that play an important role in ensuring that the highest quality product is being consistently delivered to their customers. The 402 Gravity Feed Metal Detection System is designed to inspect free-flowing solids such as powder, granules and pellets. The compact design and fast acting electronics allow for installation in almost any application.

Utilizing the latest in Digital Signal Processing technology, the 402 System delivers the highest level of metal detection to date. The advanced user-friendly interface allows quick and easy application set-up. A comprehensive, self-diagnostic system monitors the metal detectors performance for potential circuitry changes. It is also capable of sensing the speed and position of the reject gate. A multi-level password security system insures maximum performance by limiting access to critical settings.

A Windows-based software, DSPNet™, is available as an option. The DSPNet can monitor all critical parameters of each metal detector on-line for a PC computer by a simple connection to the RS-485 or RS-232 port.

Thermo Goring Kerr has committed itself to provide the best Contaminant Detection Systems to its customers.

**BENEFITS**

- High sensitivity
- Automatic rejection of contaminated product
- Compact design
- Straight through flow design (no crevices or traps)

**TECHNICAL ADVANTAGES**

- Fast acting electronics
- Comprehensive self diagnostic system
- Single reject confirmation within ±2ms
- Dual reject confirmation within ±2ms
- Automatic noise compensation
- Separate surface for clean flow and contaminant flow

**OPTIONS**

- AuditCheck™ Automatic Performance Verification System
- Reject confirmation
- Available USDA construction for dairy, meat & poultry applications
- Hazardous location (Class 2, Division 1 & 2)
- DSPNet™ automatic data collection software for your PC
- Anti-static product tube
- Reject position sensors for PLC monitoring
- Available automatic or manual test retrieval system
- Available slide out rejects for easy cleaning



**Thermo Goring Kerr**

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