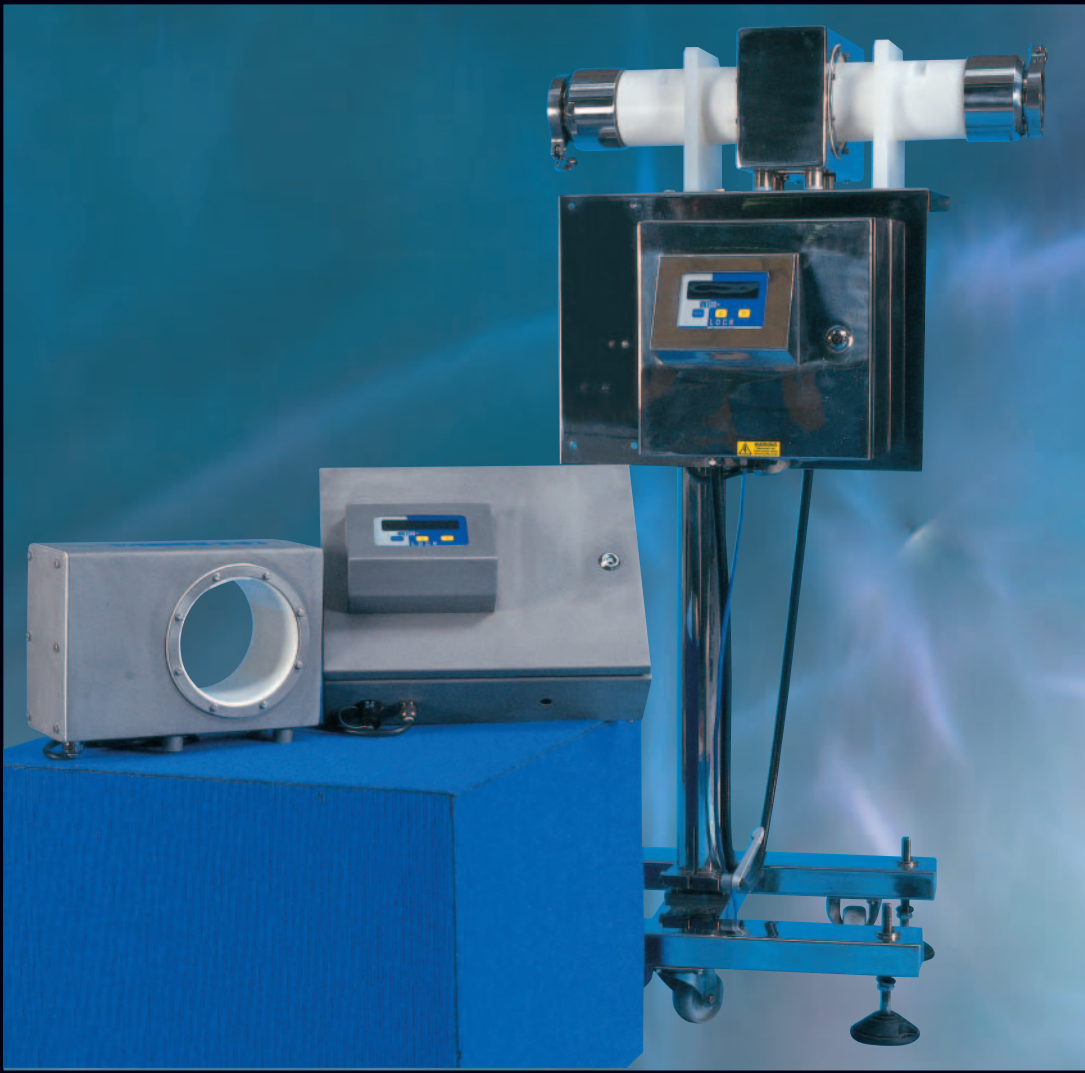


PIPELINE METAL DETECTOR MET 30+



- Exceptional sensitivity
- Detect 'real life' contaminants
- Withstands aggressive cleaning
- Detector sealed to NEMA 4X (IP66)
- Industry range of pipe diameters
- Industry-standard reject valves
- User-friendly operation
- Digital control and signal-processing
- Auto-learn and automatic product-tracking features
- Security password-protected
- Networking capability with datacheck software
- Standard 12 language menu

The comprehensive range of MET 30+ Pipeline metal detectors are purpose-designed for contaminant detection in products transported by pipeline, especially foodstuffs such as meat, vegetables, preserves, soups, petfoods, dairy products, powders or pastes.

The Pipeline detectors are some of the most sensitive systems in the MET 30+ range, offering unparalleled accuracy in detecting tiny particles of even the most challenging metal contaminants such as stainless steel wire. The sensitivity can be relied upon for protection of a wide variety of products at ambient, chilled or high temperatures; across a broad range of flow-rates, and for all industry-standard pipe sizes.

Robustly designed and capable of withstanding the industry's most aggressive environments, Pipeline detectors can be supplied mounted on a backplate or integrated into a mobile stand, with optional automatic reject valves.

LOCK

PIPELINE METAL DETECTOR MET30+

Automatic Set-up

Conductive products, eg meat, cheese require specific settings in order to achieve maximum performance. The MET 30+ has the ability to store up to 100 different product settings in its memory and will automatically calibrate for each as they pass through the system. In this way optimum performance is ensured and the risk of products being falsely rejected is reduced.

Automatic Product Tracking

Conductive products often vary in effect on the detector during the course of production. The MET 30+ can continuously update the currently selected product compensation setting so as to ensure optimum sensitivity.

Security Codes

Three levels of selectable security codes are provided

1. Operator access to change set-up mode
2. Supervisor access to change set-up mode
3. Engineering access to factory set-up parameters

RS232/422/485 datalink

Allows printing of reject reports, networking with PC and Quality Assurance information.

Lock Datachek Management System

The MET 30+ incorporates options for remote monitoring of detector performance either individually or as apart of a group of detectors.

Modem Support

The MET 30+ can be linked through a modem to the Lock service centre for immediate troubleshooting and support.

Search Head Options

White powder coated to IP54-NEMA 12 or, Stainless Steel 180 grit brushed finish to IP66-NEMA 4X

Electronic Module Features

- Digital signal processing
- Automatic product compensation set-up
- Data retention when power is interrupted or disconnected
- Automatic balance control for adjustment-free operation
- Easy user-replacable electronic module for minimum downtime
- Electronic display – both alpha-numerical and bar graph
- Simple operator keypad for ease of use
- Serial port providing a print-out of detection events and 300 event storage
- Software – selectable choice of 12 languages

Sensitivity

A detailed indicative sensitivity chart for different aperture sizes is available for guidance. Actual values for given products can be specified after in-house product testing.

Systems Options

- Pipeline detectors may be backplate - mounted or on a mobile stand
- The control enclosure may be mounted on the backplate or stand or may be remote
- A full range of throughput tubes, clamps and seals are available

Reject Options

- A comprehensive range of industry-specific reject valves are available as options
- Reject timing is carried out under microprocessor control. Settings are from the keypad.

Outputs

Voltage-free relay contacts
Rating: 240V, 5A resistive

Power Supply

Universal power supply 95 – 264V AC
30VA max. Single phase

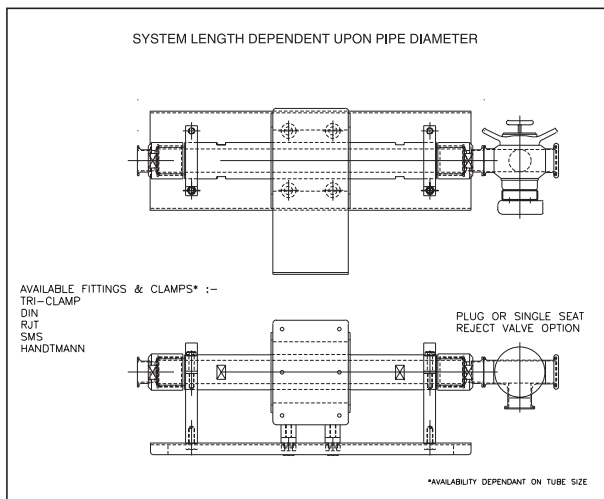
Operating Environment

-5 to 45°C, 23 to 113°F

Humidity

Up to 95% RH depending on sealing standard

TECHNICAL DATA



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