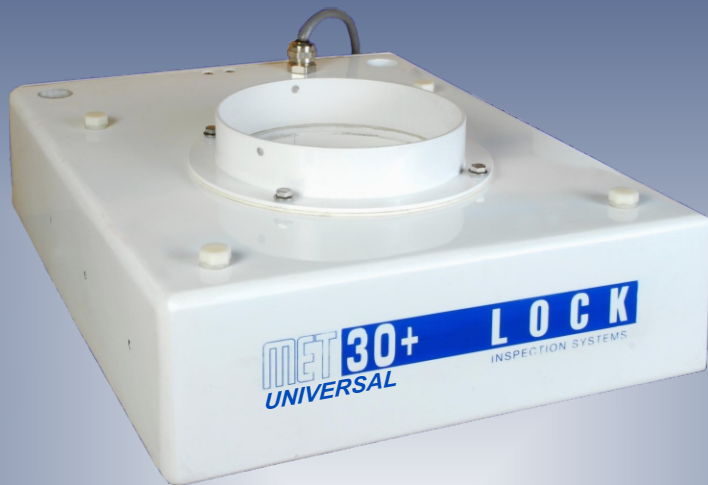


# MET30+ UNIVERSAL

## WAFERTHIN METAL DETECTOR



- Ideal for limited space installation
- Supplied with complete test kit
- MET 30+ *Universal* digital electronics deliver the best sensitivity *with product* in the industry - to ferrous, non-ferrous and non-magnetic stainless steel.
- User friendly operation
- Universal mounting
- A range of bagmaker installation kits can be supplied
- Standard 19 language menu
- Dry and wet area applications are available
- Sealed to IP54 or IP65 (NEMA 4X) for washdown applications
- ATEX approved to Zone 22

MET 30+ **Universal** Wafertthin metal detector is just a slender 115mm (4.5") deep and is specifically designed to be installed between gravity feed hoppers, bagging machines or weighing machines. The advanced microprocessor design of the MET 30+ **Universal** electronics enables it to communicate with other control systems for integrated packaging efficiency and total quality assurance.

As legislation becomes ever more stringent and consumer demands become tougher, the MET 30+ **Universal** sets the standard in metal detection performance.

# LOCK

EARNING CUSTOMER CONFIDENCE

INSPECTION SYSTEMS

# MET30+ UNIVERSAL

## WAFERTHIN METAL DETECTOR

# TECHNICAL DATA

### SYSTEM

#### Automatic Set-up

The MET 30+ **Universal** Wafertthin has the ability to store up to 100 different product settings in its memory. In this way, optimum performance is ensured and the risk of products being falsely rejected is minimised.

#### Security codes

Three levels of selectable security codes are provided:

- Operator level to change product types
- Supervisor level to change set-up mode
- Engineering level to access factory set-up parameters.

#### RS232/485 or Ethernet datalink

Allows printing and networking with PC and Quality Assurance information.

#### Lock Datachek Management System

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

#### Software selectable menu: display languages

English	Danish
German	French
Italian	Swedish
Spanish	Portuguese
Hungarian	Dutch
Finnish	Turkish
Norwegian	Czech
Japanese*	Polish
Icelandic	Slovene
Afrikaans	

\* (with display change)

### SEARCH HEAD

#### Construction

Welded aluminium with food quality powder coating to finish, to IP54 and NEMA 12, or welded stainless steel to IP65 and NEMA 4X.

#### Sizes

Available to suit product feed tubes with a diameter of 50mm (2") to 250mm (10") in 50mm (2") steps.

Universal mounting

Suitable for pivot mounting or mounting on a support framework using fixing bolts.

#### Electronics features

The detection electronics for the metal detector are housed in a single compact module having the following principal features:

- Two channel sensing
- Digital filters to eliminate excess noise
- Digital control and processing
- 100 product memory
- Automatic product compensation set-up
- Data retention when power is interrupted or disconnected
- Simple 3 button interface
- Digital display alpha-numeric (bar-graph with Touchscreen option)
- Easy user-replaceable electronic module for minimum downtime
- Serial ports providing print-out facility of detection events, with 1200 event storage

### GENERAL

#### 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.

#### Options

Lock can supply a range of frames, tubes and funnels for various bagmaker installations.

#### Outputs

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

#### Power supply

Universal power supply 95-264V AC, UL approved  
47-63 Hz  
Fuse 3A

#### Operating Environment

Temperature:-5° to 45°C/23° to 113°F

#### Humidity

Up to 95% RH depending on sealing standard

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