PT 107 UK2

ERIEZ METALARM

7000 Single Sider METAL DETECTOR

The only detector of its kind that can fit into a machine process with moving metal in close proximity.

Features

- Minimum metal-free area requirement
- High sensitivity to both ferrous and non-ferrous metals
- Multiple sensing zones - 250 or 500mm wide
- Sensing widths up to 6 metres
- Easy to install search head
- Anti-static surface on face of the search coil
- Unique r.f. immunity circuitry
- Can be installed close to moving metals without sensitivity loss or false tripping
- LED on control unit indicates position of metal detected

Benefits

- Protection of machinery
- Quality control
- Minimisation of product reject

Applications

Used across a wide range of industries, including:

- Paper and board
- Plastics and rubber
- Textile and garment
- Recycling

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METAL DETECTORS

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Specifications

Search coil

Sensing length to client specification, normally in 500mm or 250mm increments.

Special lengths available on request.

Housing

Mounted via bars or brackets extending from each end of the search head, within aluminium housing.

Orange powder coat (RAL 2008)

Dimensions

140mm wide x 100mm deep housing cross section.

Electronics

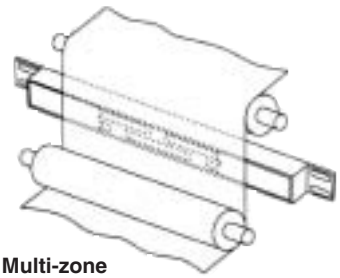
One circuit board per sensing area, contained within the search coil housing.

Power

110V or 230V - 50Hz. maximum 3 Amps.

Single zone

Multi-zone



Multi-zone vertical mounting

Both single zones and multi-zones are available for vertical mounting common to the textile, paper and non-woven industry. Multi-zones are available in 250mm and 500mm widths up to a total span of 6 metres. Single zones are available up to 6 metres.

Sensitivity

Typically 1.2mm ferrous diameter sphere on the face of the search coil.

1.8mm non-ferrous and stainless steel.

Further details on request.

Control unit housing

Wall mounted steel case painted grey to RAL 7032.

Dimensions according to number of detection areas.

Contains a set of LEDs to indicate the position of metal detected, a reset switch and a power indicator, as well as a detection/fault light and output relay.

Electrical

Relay contacts	2 sets of changeover contacts
Relay contact rating	230V 5A rating
Terminals	Plug in screw type
Relay mode selectable	Operated on detection of metal or release on detection of metal.
Cable	Interconnecting cable 2 metres long unless otherwise specified.

Other Metal Detectors

E-Z Tec Range

High sensitivity aperture metal detectors for checking rolls of material, packed garments etc., to ensure they are metal free.

Metal Detector Conveyors

With automatic rejection systems.

Hand-Held Detectors

For locating small pieces of ferrous and non-ferrous metals in all types of material.

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