



METAL DETECTORS

M Series

The stand-alone metal detector

From 15 g to 60 kg - Maximum throughput 150 ppm

To detect **stainless steel, ferrous and non-ferrous metal** in products of a different sort, **food and pharma** in particular.

It complies with **HACCP and GMP** quality standards.

Available in **Multi-frequency and Multi-Spectrum versions**.

MAIN FEATURES

Is this what you are looking for?



Food safety guarantee

It detects the presence of any metallic contaminants in the food product to provide end consumers with maximum assurance of quality and safety.



GMP compliance

The product thus verified at the end of the line complies with the most stringent requirements of the pharmaceutical industry, particularly with GMP regulations.



Independent controls

The metal detector is controlled by its own control panel.



Modular

The machine's structure is easily integrable with visual control systems, marking, tracking, and barcode readers.



Multi-frequency or Multi-Spectrum

The Multi-frequency is calibrated to specific frequencies and adapts to different products each time. Multi-Spectrum technology, on the other hand, unique in the world, allows simultaneous operation with a range of different frequencies.



Automatic Ejectors

Depending on the weight and shape of the product, the ejector can be pneumatic with a cylinder or without, high-speed, drop-type, with a diverter, or progressive, with a single or double air jet.



Safety devices

There are 5 available safety devices: the pressure switch, the reject confirmation photocell, the full waste basket photocell, the plastic/steel waste basket with automatic closure, and the audible-visual alarm tower.

DETAILS

Where to use it

To inspect food, beverages, cosmetics, pharma and industrial products, bulk or primary--packaged in boxes, bags, flowpacks, trays, bottles, tetrabriks, mesh bags or secondary--packaged.

The Multi-Spectrum version is particularly effective on complex products with metallic packaging or elaborately processed foods.



When the metal detector is integrated with a checkweigher or a weigh-price labeler, end-of-line inspection becomes comprehensive.

- ✓ Packaged cheese - complete end-of-line inspection and labeling

Customization is our standard

Capacity	from 15 g to 60 kg
Scale interval "e"	≥ 1 g
Display resolution "d"	≥ 1 g
Accuracy (3σ)	$\geq \pm 0.05$ g
Throughput	≤ 150 ppm
Belt speed	≤ 40 m/min
Power consumption	≤ 0.3 kW
Configuration	from 1 to 3 conveyors
IP protection	IP54 (IP65 optional)
Height	from 460 mm to 1200 mm
Conveyor width	from 160 mm to 608 mm
Conveyor length	from 150 mm to 2050 mm
Conveyor type	Polyurethane belt - Modular plastic



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