

**DATA SHEET**

**METAL DETECTOR**

**Ref : 2224**

**Type :** METAL DETECTOR  
**Brand :** PRISMA  
**Model :** MDF 11  
**Serial N° :**  
**Year :** 2025  
**Quantity :** 1  
**Overall dimensions :** 0 x 0 x 0 M  
**Weight :** 0 Kg



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## NEW VERTICAL METAL DETECTOR

### Description:

Metal Detector for the Pharmaceutical Industry, for small and high flow rate products, such as tablets and capsules.

This equipment has been specifically designed to meet the specific inspection requirements of the pharmaceutical sector. An inclined duct made of inert material, easily removable and suitable for direct contact with the product, passes through the coil of the metal detector. If a metal contaminant is detected while the product is in transit, a safety flap is activated and diverts the contaminant out of the production flow.

Equipped with regulators, which make it highly adaptable, this metal detector is capable of checking 10,000 pieces/minute and can detect any type of metal contaminant, ferrous, non-ferrous or stainless.

Multi-frequency technology combined with advanced functions guarantee high level performance and comply with the standards in force for Pharmaceutical Metal Detection Systems.

### Technical specifications:

- Pneumatic supply: 0.6 Mpa
- Power supply: 230 V 50/60 Hz single-phase
- Power consumption: 200 W
- Mirror finishing of metal parts: Stainless steel IP54
- Climatic environment: from 5° up to +40°c non-condensing (closed)

### Extras:

- Rejection systems: Several types of rejection systems available to ensure the maximum level of certainty that defective products will be rejected: air-jet, cylinder ejectors.
- Reject management systems: All the rejected product bins are protected by a key, allowing only authorised personnel to access them.
- Alarms notification: Several types of alarm notifications, both visual and audio.
- Wind-prevention tunnel: The instrument can be equipped with high resistance guards, which protect from

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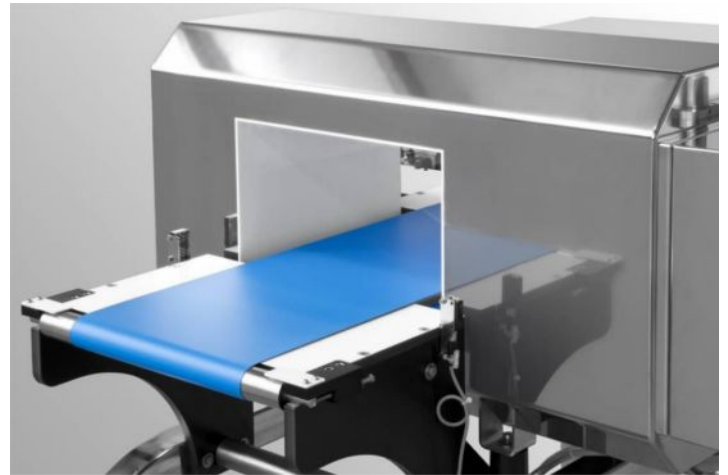
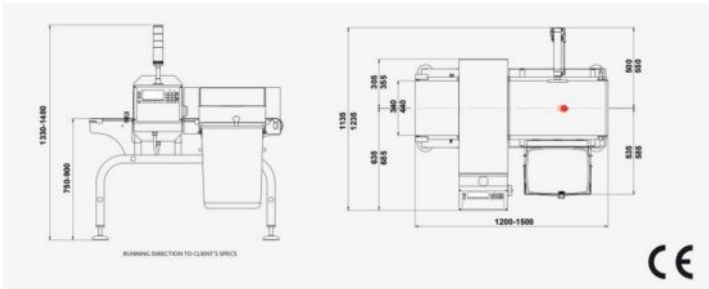
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the elements and any contaminants.

- Special conveyors: MFN11 is available with belt or slat conveyors. We can help you find the most suitable solution to handle your product.
  - Quick-disassembly belts: A mechanical securing and release system that drastically reduces machine downtime, both during cleaning and in the event of belt replacement.
  - Product program memory expansion: The settable product program limit can be exceeded by expanding the available memory and thereby further increasing the machine's versatility.
  - USB and Ethernet interface: Interfaces to export and communicate production data in real time can be implemented on all PRISMA models.
  - FAT/SAT, IQ/OQ validations: We are available to perform tests and issue the related documents.
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## NEW VERTICAL METAL DETECTOR



Video link

<https://www.youtube.com/embed/AIfO7j70CRM?si=7rHGnFAvDU9XlyKj> title="YouTube video player"

