

# CONVENIENT PROVEN DESIRABLE

Version 09/11



## METAL DETECTOR METRON 05 D

DIVISIBLE TUNNEL METAL DETECTOR FOR INSTALLATION IN  
BELT CONVEYORS, VIBRATORY CHUTES AND MATERIAL SLIDES.

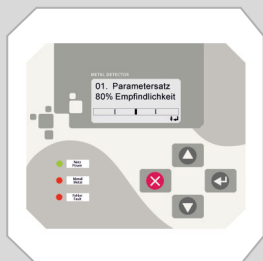
- Detects **all metals** in solid products or as loose parts.
- High sensitivity in rough industrial environments.
- User friendly and reliable technology, proven for many years.
- A worthwhile investment that protects the valuable production equipment.
- Quick and easy to install.
- Specifically tailored system solutions with reliable conveying technology and selected accessories.

**MESUTRONIC**

*Metal Detection made in Germany*

# METRON 05 D

## Metal Detection made in Germany means:



- Efficient and cost-saving commissioning thanks to a back-lit LCD Graphic-Display with easy to understand menu text and simple 4 pad operation.
- High detection accuracy in a broad conveyor speed range, from 0.01 m/sec to 30 m/sec - due to state-of-the-art digital technology.
- Optimal detection results in all uses with the correct detector sizes. MESUTRONIC is able to supply detectors with a tunnel width of 200 - 2000 mm in 50 mm steps and a tunnel height of 100 - 2000 mm in 50 mm steps. Other sizes are available on request.
- Reliable protection. Only authorized operators that know the 4 digit code can access the 3 operating levels of the metal detector. Chosen functions can be rendered freely accessible for any user by the administrator.
- The continuously operating self-monitoring system offers the highest degree of safety. It records fifty-eight (58) different device capabilities and reports any system failure reliably. Meaningful text messages are helpful and save valuable time.
- Always informed. Up to 125 devices can be centrally managed and controlled through a bus line (CAN-bus or Ethernet). We are always there when you need us with **mesuREMOTE**, the remote control module from MESUTRONIC.

Detailed information can be found in our technical data sheet.

### Easy to install

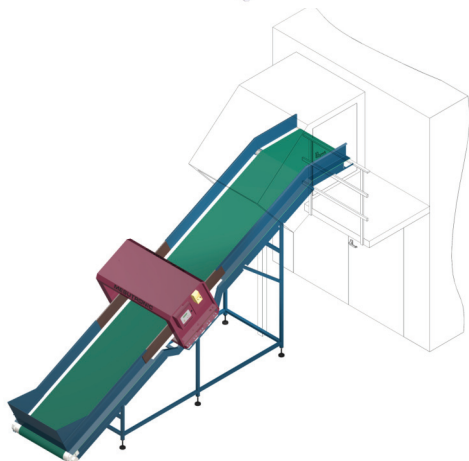
The tunnel type metal detectors series D feature an upper and lower part that are screwed. This way the tunnel can be separated for installation on the transport system. Alignment bolts ensure that the two tunnel sections are properly positioned after the assembly. The detector is immediately ready for use without the need to re-calibrate. The cable connecting both parts is a plug connection, which saves time and avoids wiring errors.

### Challenge us!

High product and extreme ambient temperature versions as well as explosion proof version are routine tasks for MESUTRONIC. Specify your application, MESUTRONIC offers the optimum solution!

### A powerful combination

The choice of the appropriate transportation system is a prerequisite for reliable and trouble free metal detection. MESUTRONIC offers a wide variety of conveyor systems. The spectrum ranges from small conveyor belts for light plastic parts to heavy conveyor belts for large shredders. Whether horizontal, diagonal L or Z shaped, MESUTRONIC has always the optimum solution.



# MESUTRONIC

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