

METAL-FREE DUST-FREE TROUBLE-FREE

Version 10/11



METAL SEPARATOR

P-TRON - GM (Version 2)

METAL SEPARATOR FOR SUCTION AND PRESSURE LINES

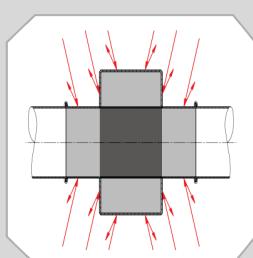
- Detects and separates **all metals** in solid products or as loose parts.
- Extremely precise metal detection - impressively reliable.
- Immune against outside interference.
- The correct unit for all bulk materials (Granulates/powders).
- Integrated explosion proofing. 

MESUTRONIC

Metal Detection made in Germany

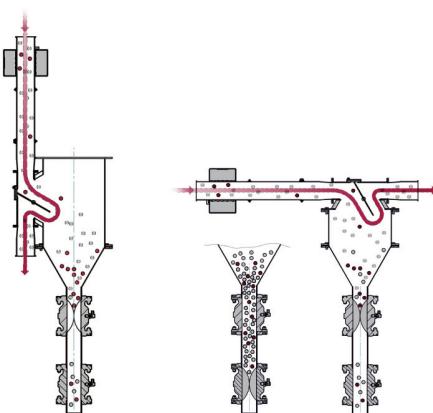
P-TRON - GM (Version 2)

Metal Detection made in Germany means:



- Simple and time-saving operation due to Touch Screen colour display with easy to understand and self-explanatory menu guide. Fast and secure data input using numerical and alphanumeric keypad (electronics-version 07). Also available: A version with a back-lit LCD Grafic-Display and simple 4 pad operation (electronics-version 05).
- Full detection accuracy and trouble-free operation also in difficult industrial environments thanks to the consistence use of the latest Digital Technology and the necessary Know How in the construction of sensors. The PowerLine detector coil does not require a plastic sensing tube, this renders it absolutely immune against electromagnetic interference.
- Guaranteed protection against unauthorized access regarding the metal separator due to intelligent user-management. Individual right of access only for authorized people with personal login password/user ID (electronics-version 07). An alternative solution is the three-level-password protection with four-digit code-numbers (electronics-version 05).
- Power failure-proof product parameter and event data storage. Back-up as well as Software Up-/ Download - easy and simple with USB-interface/USB stick (electronics-version 07) or SD-memorycard (electronics-version 05).
- Up to date network solutions (Ethernet, W-LAN) with as many terminals as required, enabling secure and efficient data management.
- All MESUTRONIC separators are absolutely fail safe, as they feature an internal diagnostics system which indicates any kind of operational fault. In addition to the detector coil and the electronics the compressed air supply and mechanical functions of the reject system are monitored as well.

Detailed information can be found in our technical data sheet.



The concept is decisive

Full output even during rejects due to the incorporated bad material bin and MESUTRONIC bypass solution. Pressure less bad material reject with the dual gate.

Unlimited flexibility

MESUTRONIC has the right Metal separator for every application and achieves the best protection against metal in lines with 40 to 120 mm diameter (other sizes upon request). It does not matter if pipes run vertical or horizontal and if you transport granulates or powders, we have the right detector for you. The electronics cabinet can be installed at any distance from the reject unit in an accessible location (electronics-version 07). The maximum length between electronics cabinet and reject unit is ≤ 25 m (electronics-version 05).

Proven safety

MESUTRONIC metal separators series P-TRON - GM are available in ATEX version for hazardous environments. Proven and tested by an accredited independent certification company. Safety without compromise.



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