

P-SCAN RG

Metal detector for pipelines, e. g. for free-fall applications, pneumatic conveyor pipes or pump lines

- Detects magnetic and non-magnetic metal contamination, even when enclosed in product
- Reduces expensive machinery failure and minimises production downtime
- Ensures product quality
- Prevents customer complaints
- Break even within a very short period of time



The P-SCAN RG metal detector is equipped with the Sesotec control unit GENIUS ONE.



- Optimal detection and highest precision of metal detection by increased operation frequency in all areas of the detection head
- Universal suitable with multi-frequency technology (optional)
- Password-protected system log and menu controlled validation system for HACCP, IFS, BRC conform quality monitoring
- Offers perfect adaptability to customer-specific requirements (34 different coil sizes for all current pipeline systems)
- Can be installed in vertical, horizontal or diagonal pipelines
- Compact design through highly reduced size of metal-free zone (RZ-technology) and dimensions identical to previous product
- High mechanical stability and noise immunity: Largely insensitive to vibrations, hits and temperature change
- Design in stainless steel with protection grade IP 65 (higher protection grade on request)

Function:

The metal detector P-SCAN RG with round opening is mainly used to analyse bulk materials, fibres, or liquid/pasty products in pipelines (free-fall, pressure or pump). It detects all magnetic and non-magnetic metal contamination (steel, stainless steel, aluminium, etc.) even when enclosed in the product.

On detection of metal, a signal device and a separation system can be activated or a signal can be sent to process controlling.

P-SCAN RG metal detectors are mainly used for highly precise detection tasks (e. g. in the food industry).



P-SCAN RG metal detector integrated into a conveyor pipeline e. g. for quality control of liquid chocolate. (old version)



P-SCAN RG metal detector integrated into RAPID 5000 metal separator to analyse bulk material (free-fall).

Scope of delivery:

- Two-channel, stainless steel metal detection coil with round opening
- Control unit GENIUS ONE

Typical Application Areas:

- Food industry
- Pharmaceutical industry
- Chemical industry
- Plastics industry
- Feedingstuff industry
- Textile industry

Complete Systems:

The P-SCAN RG metal detector is a component of the following metal separators:

- RAPID 4000, RAPID 5000, RAPID 6000 and RAPID 8000 for free-fall applications without backlog
- GF 4000 for vacuum and pressure pipelines
- LIQUISCAN PL for liquid, pasty and viscous products in pipelines

Applications:

- Quality control in the food industry according to IFS, BRC, HACCP, ISO 22000 etc.
- Control of outgoing goods in the food industry, e. g. to analyse milk powder in free-fall or in pneumatic pipelines to fill big-bags, trucks or silos.
- Machinery protection in the plastics industry, e. g. to analyse granulate in pipelines to protect injection moulders or extruders
- Machinery protection in the ceramics industry, e. g. to analyse a clay string before the extruder