

P-TRON 02 O CHALLENGE

METAL SEPARATOR for the installation on Vacuum Fillers.
Optimum detection and safe rejection of metallic contaminants in meat emulsions.

*Developed by meat
processing professionals*



P-TRON 02 O

Installation on Vacuum Fillers
Control of sausage meat



- Compact construction high throughput due to a fast-reacting and powerful pneumatic reject drive.
- High sensitivity combined with low material loss due to interval drive.
- Tip-safe chassis with locable casters and a strong frame offer of mobility, combined with shock protection.
- During cleaning of the reject system, the integrated cleaning basket prevents the loss of parts.
- Reliable protection against water intrusion means a high pressure resistant face plate protector.
- Damage and losses during cleaning are a thing of the past!
- Connectable to most Vacuum Fillers with adapters, precise height adoption via spindle drive.
- Protected against technical mishaps during the production process. All components are pressure-proof up to 30 bar!
- All cables are equipped with quick connectors, giving flexibility and ease of transport.
- Expanded system monitoring offers highest reliability. Faults are reliably indicated in real time.

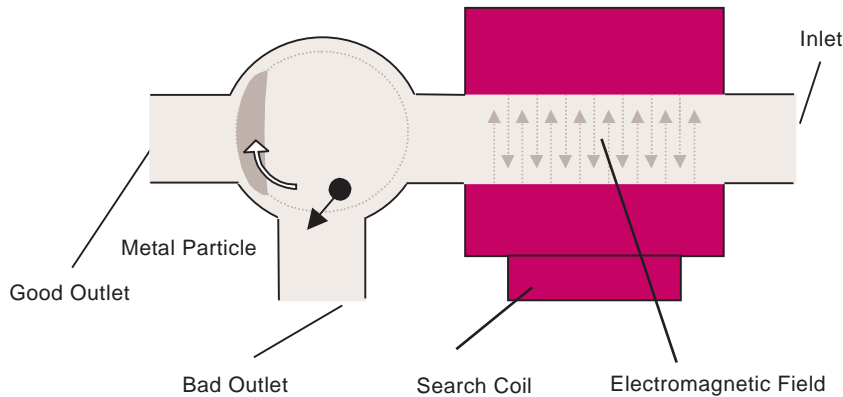
We assure
metalfree
products

*... the leading edge
in metal detection*

MESUTRONIC[®]
metal detectors and separators

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Working Principle



Sequence of Functions

Electronic Metal Separators of the series P-TRON 02 O remove metallic contaminants from pasty food and food emulsions automatically and without interruption of the process.

Clean product - without metallic contaminants passes through the detector. Metallic contaminants in the product stream change the high frequency field.

In this case the electronic evaluation system generates an impulse to activate the solenoid of the reject gate cylinder.

Due to the rapid diversion of the product stream, product loss is minimized, reject time (dwell time of the reject gate) is adjustable.

Reject time will be extended by the preprogrammed time interval, should several metal particles pass through within the given timeframe.

After the metal particle has been successfully rejected the gate returns automatically to the normal position.



Metal Separator P-TRON 02 O 65
installed on a Vacuum Filler

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