

INTUITY

Metal detector for installation on conveyor systems

- Highest metal detection performance with multi-simultaneous-frequency technology
- User-friendly control unit INTUITY CONTROL for reliable, safe, and easy operation
- Audit-safe – Complies with all the established rules and standards used in the food industry
- Rapid return on investment due to quick and intuitive operation and reliable detection of the smallest metal contaminants



INTUITY – Tunnel metal detector with IO unit

- Optimal detection and highest sensitivity throughout the entire aperture area.
- Ball-size forecast, to see the actual sensitivity level with the current product
- INTUITY CONTROL with 7" touch display for intuitive and safe operation
- Ergonomic housing design for quick and easy viewing and operation
- Meets the specifications for metal detectors in the International Food Standard and other standards in the food industry
- Audit-check function, password-protected system logbook and menu-guided validation system for HACCP, IFS or BRC compliant quality control
- USB port for saving logbook data to a storage medium. Optional direct integration to company network with INSIGHT.NET software solution and corresponding interface.
- Sturdy housing in hygienic design, detection head and housing come as standard designed for harsh, washdown (protection rating IP66 / 69K). Protection rating of touch display IP 65 (IP 66 / 69K as an option)
- Saves time and money due to reliable metal detection in the line with less false rejects
- Available as complete system with conveyor and reject system



Function:

The INTUITY metal detector is designed for mounting to a conveyor or chute and is primarily used in the food industry for inspection of discrete products or bulk flow products. It can detect all magnetic and non-magnetic metal contaminants including stain steel, aluminum, etc. The detection performance is not impacted by the location of the contaminant within the product.

When metal is detected, a signal is provided that can activate a reject system, sound an alarm or provide a signal to the process control unit. The specific detection field that is created within the INTUITY offers the advantage of high sensitivities throughout the entire aperture area. This is only one reason why this metal detector is used in applications that require the very best metal detection performance. The INTUITY metal detector can be combined with a conveyor system including various types of automatic reject systems for a complete in-line inspection solution.

The INTUITY CONTROL control unit is integrated in the INTUITY metal detector.

Performance features:

- Highest metal detection performance due to multi-simultaneous-frequency technology
- Due to our unique mechanical construction of the metal detector case and the potting material, False rejects are virtually eliminated. This design also make the system impervious to vibration and other interferences or temperature fluctuations.
- Hygienic design, easy to clean, no collection points or edges.
- Touch screen interface is easy to use and will eliminate set-up errors
- Audit-safe solution

Used for:

- Inspection of food materials acc. to IFS, BRC, HACCP, ISO 22000 etc.
- Quality inspection of incoming goods
- Machine and process protection

Typical fields of application:

- Food industry
- Chemical industry
- Pharmaceutical industry
- Packaging industry
- Cosmetics industry

Complete systems:

A complete system consisting of the INTUITY metal detector, conveyor, reject system, sensors, and integrated software solutions are designed to be easily integrated in the production line. The system specific design features guarantee the highest operational reliability and detection sensitivities. With the Higher Level Security options in the INTUITY, the system is ready for any audit review according to the established regulations in the food industry.

Scope of delivery:

INTUITY metal detector with integrated control unit, I/O module in separate housing and power cable, inter-connected as standard with 2M cable.



Rapicon metal detection system with Air Blast reject and visual alarm with integrated INTUITY metal detector and Higher Level Security option package.

If you need more detailed information ask for our technical data sheet or a discussion with our experienced Sesotec Sales team.