C-SCAN GHF
Metal detector for installation in conveyor belts

- ■ High Performance detection of magnetic and non-magnetic metal contaminants
- ■ Standard HML multi-frequency
- ■ Guaranteed product quality
- ■ Protects against customer complaints
- ■ Excellent Return on Investment potential

- Optimised detection performance throughout the whole detector head

- Enhanced signal analysis logic, optimised for stainless steel

- Standard HML multi-frequency technology optimises product compensation

- Integrated WS-Food interface; Ethernet, WLAN, or serial interface available as options

- Intuitive and easy to use interface with large full colour touch panel

- Hygienically designed housing protected to IP 65 (IP 66 / IP 69K available as an option)

- Password-protected system logbook and menu-driven validation system for HACCP, IFS or BRC compliance

- Available as a detection system solution with conveyor belt and reject unit

- Also available with brushed surface finish or in 316 Ti stainless steel.

The GENIUS+ Touch control integrated as standard in the C-SCAN GHF metal detector.

Function:

C-SCAN GHF metal detectors are primarily used in the food industry mounted on conveyor belt, inclined slide or other product transport system. They detect all magnetic and nonmagnetic metals, (ferrous, non-ferrous and stainless steel) regardless of where the contaminant is within the product.

When metal is detected, a signal is sent to a rejection unit, an alarm or to a process controller to initiate a remedial action. The design of the C-SCAN GHF ensures the best detection sensitivity whatever the contaminant location and it is particularly suited to the demands of the food industry or wherever product protection demands are at their highest. C-SCAN GHF when combined with conveyor systems, line dividers or other product separation systems provides a high quality, maximum sensitivity metal detection and removal facility. S+S offers complete integrated systems to safeguard the product and the production process.

Performance features:

- HML multi-frequency technology allows universal use
- Available in eight different standard sizes, on request available in customer-specific sizes
- High mechanical stability and high interference immunity; largely insensitive to vibration, impacts, and temperature fluctuations
- Hygienic design, easy to clean, no dirt-collecting edges

Used for:

- Outgoing goods inspection of food materials according to IFS, BRC, HACCP, ISO 22000, etc.
- Quality inspection of incoming goods
- Machine protection in fruit and vegetables processing

Typical fields of application:

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

Complete systems:

S+S built systems with C-SCAN GHF metal detectors, conveyor transport and rejection unit are easily integrated into new and existing production lines. Everything is designed to work together to guarantee high operational reliability and the best detection accuracy.

Scope of delivery:

- Two-channel metal detection coil made of stainless steel, with closed, rectangular aperture
- Integrated Genius + Touch control unit with USB interface

VARICON+ metal detection system with C-SCAN GHF detection coil to analyse bags or E2-boxes.

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