



Quality Inspection Systems

METAL DETECTION AND X-RAY Systems

US Distributor: MCR Technologies Group, Inc.
1704 Westwood Drive
Sterling, IL. 61081
www.mcrtechnologiesgroup.com Phone: 815-622-3181

METAL SHARK® - Metal Detection



METAL SHARK® GF

Typically, Gravity Feed metal detectors are used in gravity feed pipes and provide highest performance in detecting magnetic and non-magnetic metals. The bulk material falls through the metal detector. With the reject flaps EX-S (speed) and EX-P (powder) even the smallest metal is separated from the product stream with a minimum loss of product.



METAL SHARK® Conveyor

Cassel offers a great variety of conveyors to compliment the METAL SHARK® BD metal detectors. The high quality conveyors are available in standard as well as custom-made versions. They are suitable for permanent and reliable application even in harshest environments with highest quality standards.



METAL SHARK® BD

Typically integrated onto conveyor belts, readily adjust settings to ensure extreme equipment sensitivity, stability and reliability. Cassel metal detectors can be easily adjusted to accommodate multi-system processing and environmental product effect changes.

METAL SHARK®



METAL SHARK® IN Liquid

The IN LIQUID is a metal detector specifically designed for fluid and paste-like products. Sensor and control unit housing are made of sturdy stainless steel, appropriate for use in the food industry. With a maintenance free design and high quality construction, for reliable operation in the most challenging industrial environments.



METAL SHARK® IN MEAT

Compact metal detector for sausage pumps and stuffer machines. Mobile base frame, stand with integrated gas spring for easy height adjustment 850 – 1200 mm (33.5 – 47.2"), for installation between stuffer and clip machine. Including connection cable with external device plug and socket.



METAL SHARK® SHARK 2

Outstanding performance even for foods with strong product effect. The METAL SHARK®-2 controller sets a new industry benchmark for performance, user-friendliness and easy documentation. Users are guided through a series of easy-to-understand, high-color screens.



XRAY SHARK® - X-Ray Inspection Systems



XRAY SHARK® XBD10

For packaged products max. 160x125 or 250x25 mm



XRAY SHARK® XBD20/40

For packaged products max. 400x200 or 500x100 mm



XRAY SHARK® XBD80

For packaged products max. 400x400 mm

The Most Advanced Design for Highest Speed and Sensitivity

Inspection of the product is achieved by the computer controlled family of low energy generators or high energy generators and the XIA high performance computer image analysis system. That makes Cassel inspection systems superior in detecting product contamination or deviation from accepted specifications. Sophisticated image processing software provides immediate analysis, detection and rejection – automatically.

Designed for Industry Standards

In order to comply certification programs and satisfy HACCP requirements, Cassel Inspection Systems are available with a certified process control package for automatic data collection and image storage (SHARKNET®2). This system is optionally available and equipped with an Ethernet network for data collection, quality control and production scheduling.



XRAY SHARK® XBD50

Dual beam for glass in glass inspection

Cassel - Your Global Partner



Cassel Messtechnik GmbH (Germany) – Headquarters and main production site

Located near Hannover, Germany, Cassel manufactures approximately 1.000 inspection systems annually. Nearly 80 percent of Cassel equipment is exported to the European Union, United States, Southeast Asia, Australia, South Africa and South America. Cassel supplies equipment to a number of industries, including food, plastics, pharmaceuticals, textiles, forestry and mining. Over 500 Fortune companies are among Cassel's satisfied customers. Cassel equipment can be found in the production lines of many global and respected brands.

Your USA Partner:
MCR Technologies Group, Inc.
Mark Humphreys
Sterling, IL. 61081
Phone: 815-622-3181

sales@weighshark.com

Customers receive valuable worldwide service and support wherever their product inspection systems may be located. Over 50 representative offices located around the globe provide service performed by factory-trained technicians.

Since 1994, Cassel Messtechnik GmbH (Cassel) has led the industry in the design and build of metal detection, checkweigher and x-ray inspection systems for industrial applications. Cassel systems protect valuable production machinery against damage caused by undiscovered metal parts. Another area in which Cassel succeeds is Quality control in the consumer goods industry. Cassel strives to supply quality and high performance at a reasonable price.