

incorrect weights are automatically ejected from the product stream. Typical HKW applications in the meat processing industry even include classification and sorting by weight as well as dynamic labeling.

The modular structure of Höfelmeyer checkweighers enables flexible adaptation to production lines and even complex multi-track applications. They can be equipped with optional product-specific ejectors, collection bins and optical or acoustic signals. The checkweighers can be expanded to combi-systems with elements such as labelers, scanners, metal detectors or x-ray systems – all controlled by the checkweigher.

The HKW's hygienic design permits easy and complete cleaning. The systems can be calibrated and equipped with up to an IP69K protection rating. Operation of the HKW is intuitive. Optional software can seamlessly integrate the checkweighers into existing MES and ERP systems.

Temperatures always in view

ebro, a Xylem Analytics Sales Germany brand (Ingolstadt, Germany), offers the TLC 750i dual thermometer for efficient temperature measurement. The device has two factory-calibrated measurement channels – an infrared sensor for surface temperatures and a penetration sensor for core temperatures. The infrared sensor is the best choice for non-contact, non-destructive measurements. If measurement results border on the acceptable temperature, the more precise penetration sensor can be used to establish certainty.

The TLC 750i offers the following features: The double laser pointer shows the measurement spot of the infrared sensor. The illuminated display enables readings in dark environ-

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Xylem Analytics Germany Sales GmbH & Co. KG, ebro



The Intuity metal search coil reliably tests products or bulk goods for metallic contamination.

Bizerba

ments. The display results can also be used right-side up or upside down for viewing in either direction.

The housing was designed with the fewest possible depressions and grooves, making it easy to clean. Thanks to protection class IP 65, washing it is not a problem. The retractable

penetration sensor and low weight allow the TLC 750i to fit easily into any pocket.

Visual security systems

Manufacturers need seamless quality assurance to reliably detect and eliminate foreign bodies, mislabeled packaging and other deficiencies – ideally with visual security systems. The PackSecure optical inspection system from Bizerba (Balingen, Germany) comprehensively checks packages and recognizes contaminated seams as well as incorrect labels or information and ejects faulty products.

The ClassCheck inspection system similarly inspects food quality. It checks the top slice of each stack of a product immediately after cutting and examines its shape, size, position and composition. This real-time process recognizes mechanical damage and optical deficiencies such as lacerated edges, holes or incorrect orientation and ejects defective products in time.

The Intuity search coil is specifically designed to find metallic impurities. Aided by multi-simultaneous frequency technology, it uses at least two frequencies to look for residue from steel, stainless steel, iron or non-ferrous metals in packaged or unpackaged goods. Faulty products are ejected via a conveyor belt.

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