

Data Sheet

XRE-D

BIZERBA

The end-of-line inspection system offers maximum safety: By using X-ray technology the XRE-D detects contaminated, damaged and defective products and packagings. Besides metallic and non-metallic foreign objects it detects missing, defective or misshaped products as well as overweight or underweight. Thanks to an efficient quick conveyor belt change system the belt can be changed within two minutes.



More information
High performance with a wide range of solutions and options.

Product description

Inspection system XRE-D detects foreign objects based on density differences as compared to the product to be inspected. The different absorption of X-rays allows to detect contaminations. Besides metal, glass, ceramics, stones and raw bones the system also detects PVC, Teflon, rubber and glass fiber reinforced plastics. Even in aluminum-packaged products the XRE-D finds non-magnetic stainless steels and non-ferrous metals. The system reliably checks completeness of closed packagings and can thereby optionally hide elements such as aluminum clips. An additional advantage: The device detects product defects such as cracks or air pockets in tubes and tins. Benefit from precise results in real time and at high processing rates: Up to 400 packages/min or 250 packages/min for deep-draw packages are possible.



XRE-D inspection system

Highlights

- Safe detection of metallic and non-metallic foreign objects in the entire inspection area: No dead angle even in case of tall products
- Reliable detection of missing, broken or misshaped products
- Weight control of products or product components
- Chaotic product feed via multi-product software
- Synchronous inspection of up to four parallel running production lines
- Highest search sensitivity with zone analyzer software:
 - Free zone selection within the X-ray image
- Easy and intuitive operation
- Conform with BRC, M&S, IFS and HACCP
- Real time check of up to 400 products/minute
- Easy care and cleaning due to compact, open and modular design
- Efficient quick conveyor belt change system: Belt change within only two minutes

Options

Higher Level Compliance package (M&S-POC)

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