

Data Sheet

SliceCheck

BIZERBA

Optical 100 % control of sliced products before being packed. Defects such as mechanical damages and visual deficiencies are detected and non-conforming products rejected. SliceCheck can be easily integrated in high performance slicers which enhances quality during the slicing process and of the product itself.



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

Product description

SliceCheck offers you optical real time control of sliced, unpackaged products. The inspection system checks the top slice of a product stack for geometrical or mechanical damages such as holes, wrinkles or incorrect alignment. Depending on the product SliceCheck checks for fat content, pieces of fat, blood spots or fat streaks. In the case of cooked ham, for example, the device checks for the presence, location and thickness of rind. In raw ham it records slices having a large amount of fat or hock parts. SliceCheck detects areas with dark veins. Products not meeting the quality requirements are sorted out after the slicing process.

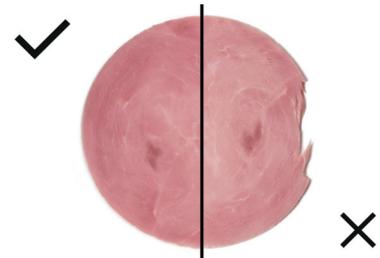
With an output of up to 100 stacks per minute and per lane and with continuous monitoring and adjustment of parameters in the slicing and forming process productivity is improved. Cookies, donuts or other food can be similarly checked for conformity and appearance and be qualified.



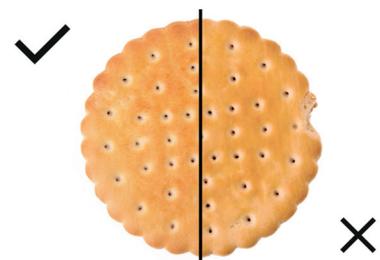
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Highlights

- Ensuring a constant product quality which meets consumer expectations
- Increase in productivity due to automated processes
- Continuous process optimization:
 - Detailed information on each product stack, e.g. fat content, completeness and appearance
 - Ideal database for analyzing and optimizing upstream processes
- Complete tracking of production data:
 - Archiving of images and production history
- Hygienically flawless control without touching the product
- Synchronous inspection on 2 parallel running lanes
- Reliable sorting out of non-conforming products in the clean room slicing area
- Can be easily integrated in monitoring software or a company's own ERP system



Examples of quality defect



Examples of quality defect

Options

- Asynchronous checking on several lanes possible
- Remote support via Internet or secure website

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