

TECHNICAL DATA SHEET

Vision inspection system SealSecure

Seal and label inspection integrated in
thermoforming machine



Seal inspection by vision: contamination and quality as key criteria for seal integrity. SealSecure checks 100% of packages. Defective seals are detected and can be rejected. SealSecure inspects seals of packages in regards of contamination and quality. In the event of a an error or an issue in production, an alarm alerts the operators so that the problem can be corrected immediately. SealSecure prevents rework operations on defective packaging, complaints, and/or product recalls due to seal integrity problems. In addition to seal integrity guarantee, SealSecure automatically contributes to the total traceability of the product by archiving all images captured during production and by monitoring the packaging line with a regular output of production reports. SealSecure is compatible with a wide range of packages.

Highlights

Contact-free and non destructive seal integrity inspection

Prevents leaking packages

Automatic sorting of products which do not correspond to
reference criteria

Modularity to integrate a wide variety of sensors according to
control requirements

Well suited for multi-format lines with automatic changes

Robust optical and vision systems resulting from 30 years of Luceo
expertise

Applications



100% control of seal integrity



100% control of contaminated sealing seams

Highlights

Compatible with a wide range of packages (thermoformed or top sealed trays and flow packs, seal area can be fully transparent, partly colored or printed)

Upgradeable for future needs

Hygienic design and time-saving cleaning

Software for complete tracking of all products: Saving of images incl. date and time, counter, production and machine log

Safe and easy operation:
Intuitive user interface with color touch screen
Offline parameter-setting allows manual adjustment of parameters based on saved images

Easy installation on existing lines (max. 2 meters including rejection)

Options

IP66 protection

Air conditioning

Further inspection function: Checking of product presence in a package

Robot control

Production control due to passing on of signals



Bizerba: Everything from a single source

01
Hardware

02
Software

03
Labels

04
Service

05
Financing

SOUNDS GOOD?

Contact our solution specialists

Schedule a non-binding appointment or request more information.

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More Information

