

SEALED SEAM INSPECTION WITH SEAM TRACKING

MAIN FEATURES

- In-line inspection
- Check for presence of sealed seam
- Tracking of the sealed seam position
- Detection of sealed seam disruptions
- Search for product, dirt and air inclusions
- Measurement of sealed seam width

BASIC CONFIGURATION

- Monochrome line scan camera with up to 16.000 Pixels
- Robust LED lighting with high lifetime
- Industrial processing unit
- Control and visualisation via touchscreen
- Customised interfaces
(digital I/O, Profibus, Profinet, etc.)

YOUR BENEFIT

During the production process of sealing seams several defects caused by material variations or mishandling may appear. This can lead to reduced functionality or degraded visual appearance of the product.

With the integration of a sealed seam inspection system including the seam tracking you gain the ability of sorting out inaccurate products resulting in higher product quality and hence in reaching a higher level of customer satisfaction.

COOPERATION

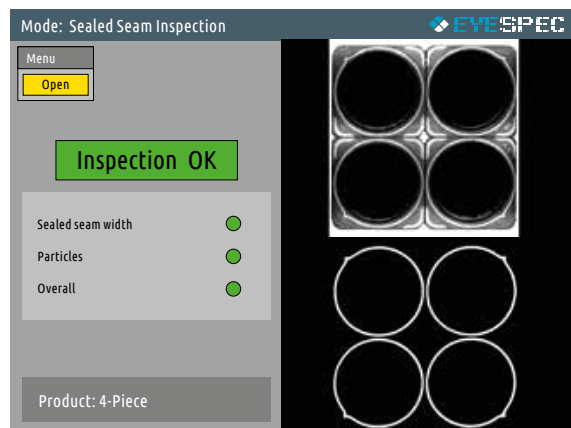


Keyence is a manufacturer of innovative high quality devices in the field of sensors and vision systems. Our strong and proven partnership with Keyence enables us to maximise the performance of our systems.

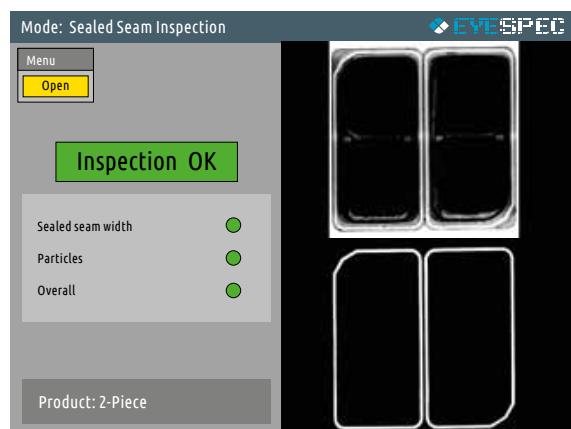


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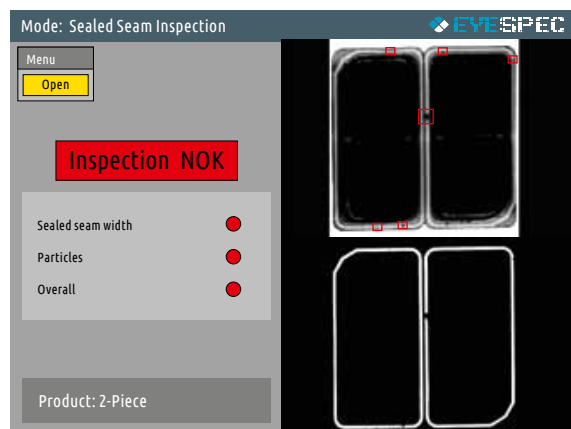
RESULT VISUALISATION



4-Piece product without errors



2-Piece product without errors



2-Piece product with errors

SYSTEM SPECIFICATION

- Minimum defect size: 0.02mm x 0.02mm*
- Maximum throughput: 180 pieces/minute*
- Maximum velocity: 3m/s*
- Product size: variable
- Teach-In functionality for new products

OPTIONS

- Control cabinet including touchscreen
- Mechanical sorting out
- Housings for cameras and illumination
- IP protection class up to IP67

SERVICE AND SUPPORT

- Customised conception and design of the system
- Integration into existing production process or standalone system
- Remote service and maintenance

PROJECT REFERENCES



*depending on the product



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