

VisioPointer

Vision inspection system for quality assurance of food packages



Benefits

- Increased production throughput
- Fewer product claims
- Increased quality
- Continuous process monitoring
- Intuitive user interface
- Short time for return of investment

Features:

- Identifies seal impurities
- Identifies product coding errors
- Identifies missing or misplaced labelling
- Identifies film cutting errors

Why risk shipping imperfect packages?

Consumers and supermarkets all demand packaging they can rely on. A package which is not visually perfect is very likely not being picked up by the consumer and packages with seal impurities or wrong dates can result in shelf life issues.

The VisioPointer system is an in-line vision inspection system tailor-made for modified atmosphere packages in the food industry. The system uses high resolution images to identify and reject packages that have seal impurities, incorrect product coding or missing or misplaced product labels.

The unique VisioPointer software has a built-in intelligence module that will help improve production throughput and remove bottlenecks in the packaging process. The intelligence module can help identify issues before they become major problems – e.g. the system will help identify the specific cavity in the thermoforming tool which creates most problems.

HOW DOES IT WORK?

1: Each product type manufactured on the packaging line is set up with individual detection parameters and rejection criteria.

2: Packages pass through the system at a speed of up to 250 packages per minute (application dependent).

3: The VisioPointer images are acquired with either one or two cameras (top or bottom – or both at the same time).

4: All images are analysed and compared to the quality criteria for the specific product.

5: Non-compliant products are rejected and the results are recorded in the production intelligence module.

The design of the VisioPointer makes it easy to access the conveyor belts when service is needed.



Dash-vision-VisioPointer-EN-1

Technical Specifications

Available configurations

| | |
|---------------------------|---|
| Maximum throughput | 250 packages per minute (application dependent) |
| Parameters tested | Application dependent, e.g. product coding, label inspection, seal impurity detection, cutting of film etc. |
| Number of images | 1 or 2 per product |
| Package size | Maximum width 300 mm, maximum length 600 mm |
| Distance between packages | 300 ms |
| Remote diagnostics | Yes, via VPN connection |
| System dimension | 600 x 1425 x 1860 mm (D x W x H) |