AIS
VISION SYSTEMS

AIS KARIKÓ

In-line quality control of both sides of the pack, with colour cameras and deep learning. Inspects 100 % of production in real time, at up to 30,000 units/hour.



- High-resolution colour cameras, without orienting the pack
- Deep learning developed entirely by AIS Group
- Detailed statistics for each production run

Both sides of each pack, in real time

AIS KARIKÓ detects defects that can affect product safety or appearance and checks that the batch and expiry date are present, legible and correct. The scope of each detection depends on the product, samples and configuration.



Bubbles in the heat seal



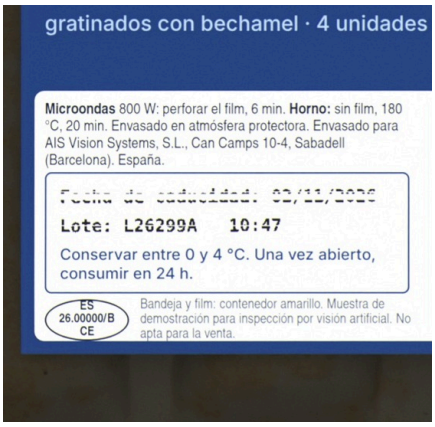
Deformation



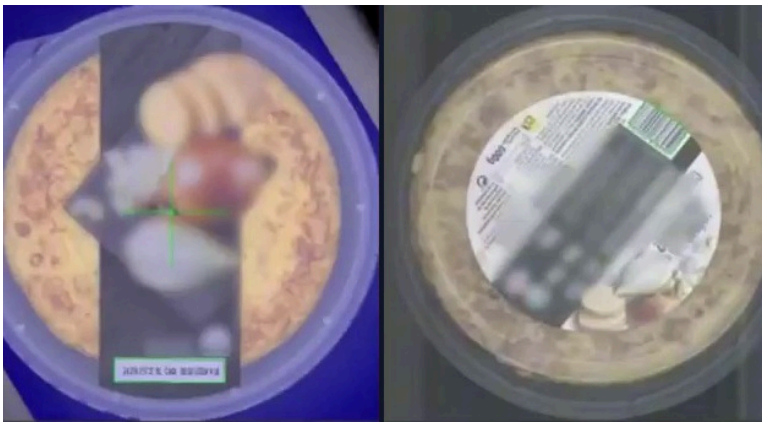
Foreign bodies



Barcodes



Marking verification

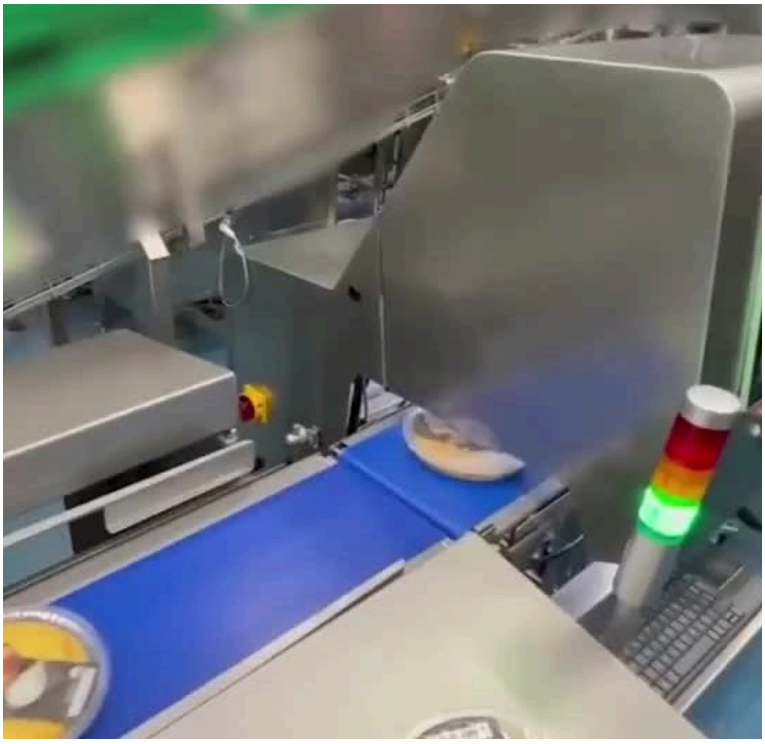


Film and underside of the same pack, in one inspection without orienting it.

Inspection of both sides

The film and underside are inspected simultaneously. The seal is verified around the entire perimeter and the film reference is checked. Each pack receives an OK or NOK result, and the screen counts defects by type.

Compact, stainless steel



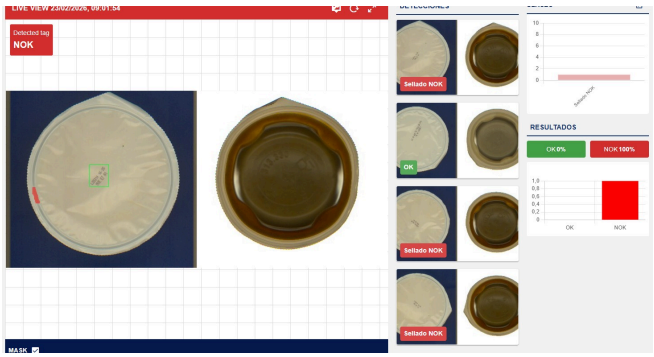
Heat-sealed packs entering the inspection zone beneath the dome.

Equipment

Construction	Stainless steel, compact and ergonomic design
Cameras	High-resolution colour cameras to inspect both sides
Lighting	Proprietary system developed by AIS Vision Systems; dome isolates external light

Software

Settings	Programming-free setup using examples
Heat sealing	Verification around the entire perimeter and of the film reference
Reading	Batch, expiry date and barcodes
Data	Cloud backup of recipes, images and statistics



A bowl with a defective seal: the red mark highlights the fault at the film edge.

Options

- Progressive or impact rejection
- Rejectors for recoverable and non-recoverable products
- Rejected-product accumulation area
- Conveyors
- Product centring device
- TrazAIS: traceability and serialisation

Send us samples

www.aisvision.com +34 931 003 035