AIS
VISION SYSTEMS

AIS REV 360 Cables

360° surface inspection of cables and tubes in continuous production: insulation, coatings and finishes. Inspects 100 % of production using deep learning, at up to 300 m/min, without slowing the line.



- High-resolution colour cameras, covering the surface through 360°
- Proprietary deep learning engine developed by AIS Group
- Alarms and statistics for each production run

The entire cable and tube surface

Cables and tubes up to 80 mm in diameter. Each defect triggers an alarm identifying its type, to keep defective products off the market.



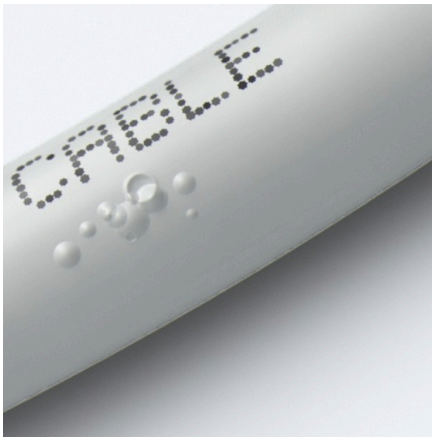
Deformation



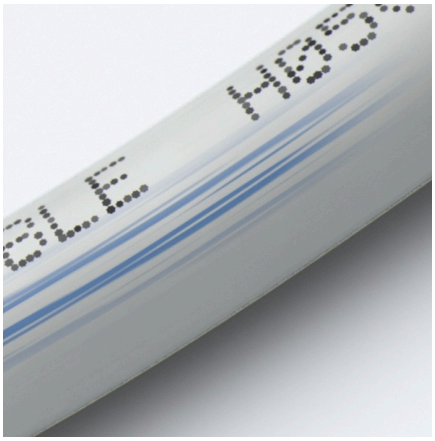
Cross-section reductions



Scratches and scuffs



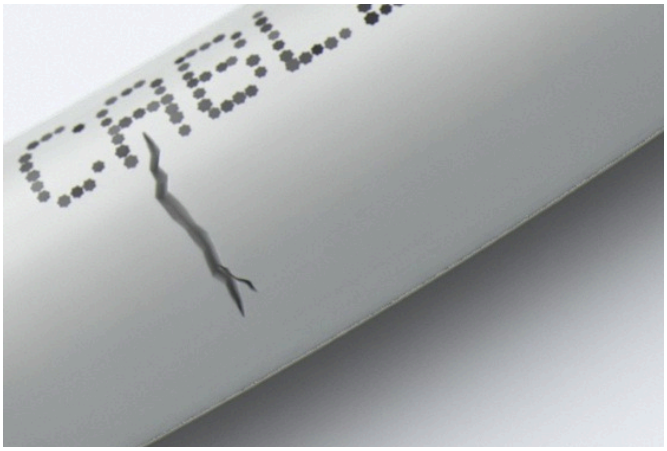
Bubbles



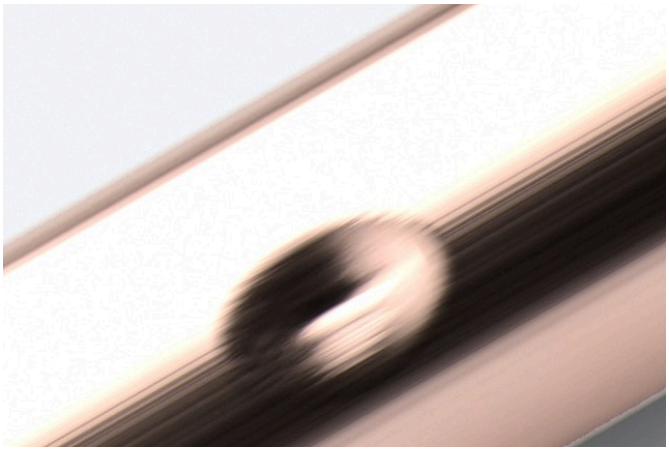
Colour defects



Embedded impurities

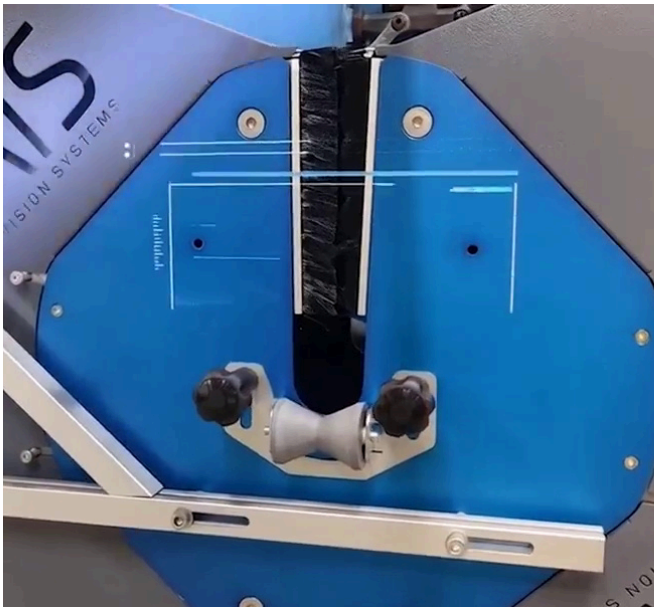


Cracks and splits



Tube defects

Cameras around the product, without stopping the line



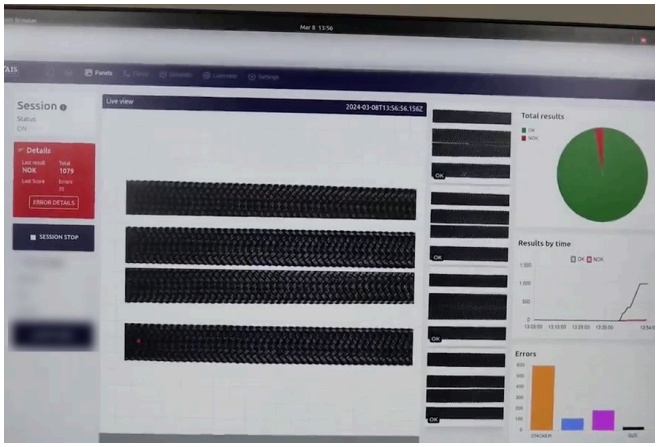
System inlet with guards closed and cable guide.

Equipment

Design	Compact, adaptable to the production line
Guiding	Cable guide and centring device at the inlet and outlet
Lighting	Designed to inspect cable and tube surfaces

Software

Settings	Programming-free setup using examples
Alarms	Identify the type of defect
Data	Cloud backup of recipes, images and statistics



The screen displays live images, detected defects and session results.

Options

- Offline inspection station with unwinding and rewinding
- Defect marking on the cable
- Defect traceability with a length map
- TrazAIS: traceability and serialisation

Send us samples

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