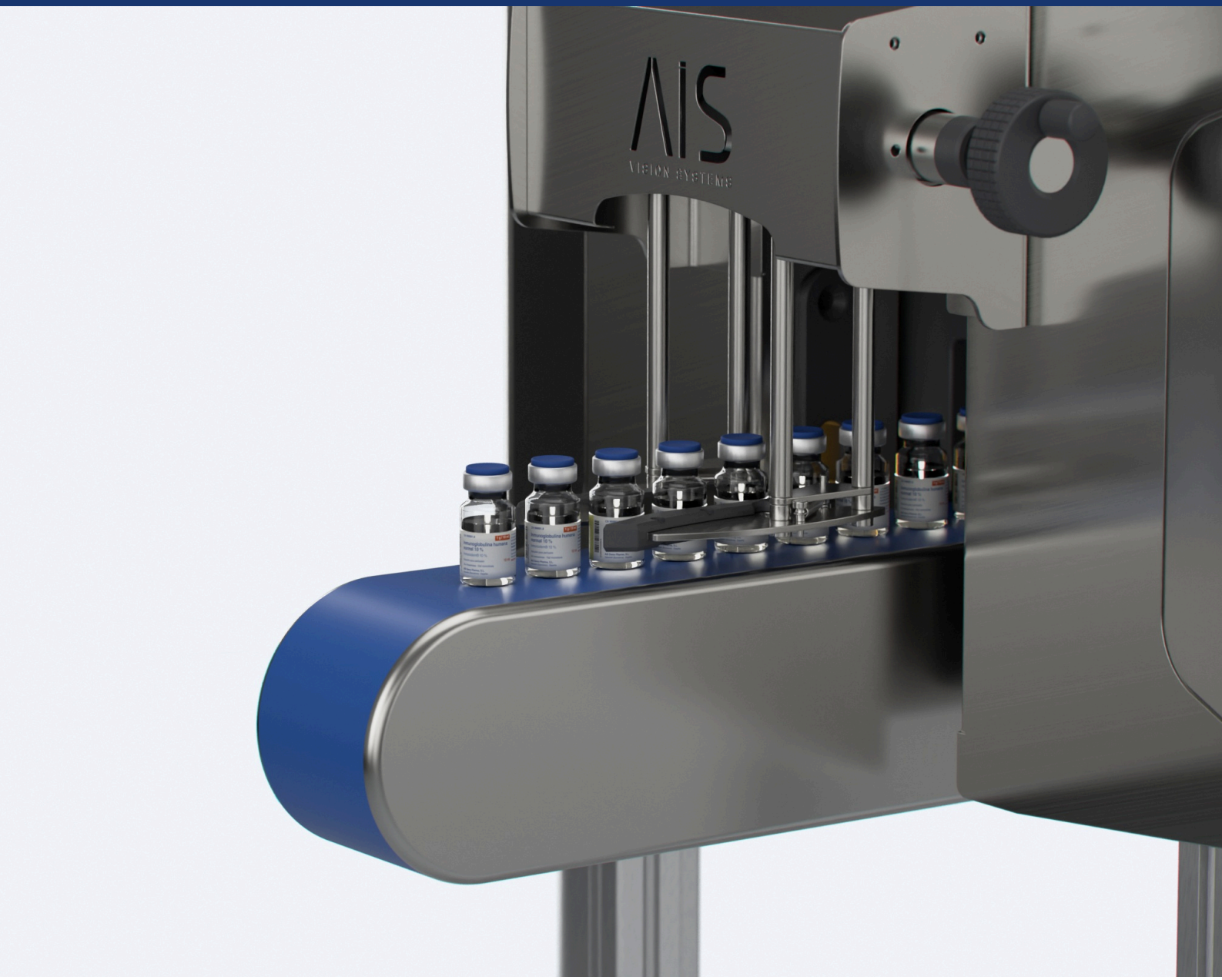
AIS
VISION SYSTEMS

AIS REV 360 PHARMA

360° visual label inspection on vials and small pharmaceutical containers. Analyses 100 % of production, at up to 18,000 units/hour depending on the number of inspections.



- Four side cameras: 360° label inspection
- Deep learning during production
- 21 CFR Part 11

Every label, around its entire perimeter

Colour vision inspects label presence, orientation and content, including traceability markings: it detects incomplete or illegible markings, and reads and checks each vial's code.



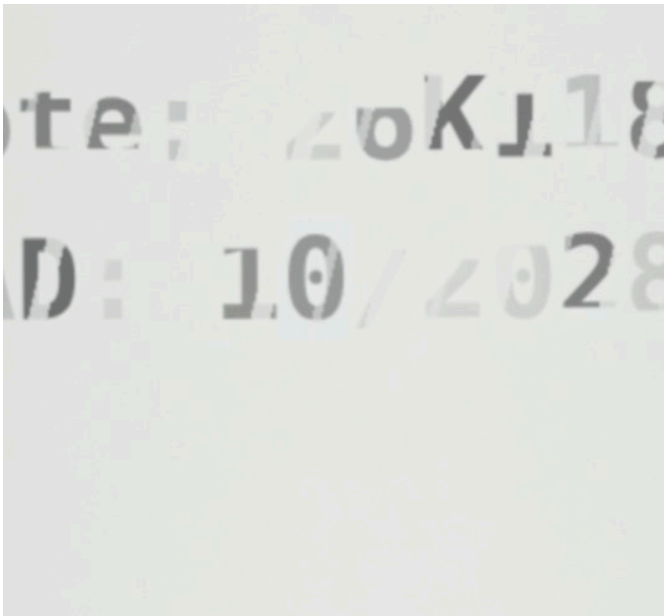
Missing or incorrect label



Misaligned label



Incorrect orientation



Batch and expiry-date reading

- Serial-number reading



Data Matrix and barcode

- Regulatory label content

600 × 600 mm in INOX 304 stainless steel

Enclosed inspection tunnel for vials and small containers, with cameras, lighting and software developed by AIS Vision Systems.



AIS REV 360 PHARMA with vials on the conveyor, closed tunnel and rejection tray.

Equipment

Construction	INOX 304 stainless steel, without dirt-trapping recesses
Dimensions	600 × 600 mm
Cameras	Four colour cameras for 360° vial inspection; optional overhead camera
Lighting	7,200-LED illuminator with controller designed by AIS Vision Systems; enclosed illuminated dome isolates external light

Software

21 CFR Part 11	Complete audit trail and Active Directory (AD) connection
Profiler	Recipe creation from a vial or the label's PDF design
AutoDetect	Locates text, logos, codes and regulatory content
UltraOCR	Reading of batch, expiry-date and serial-number markings
Data	Cloud backup of recipes, images and statistics

Options

- AIS PRO 8 progressive rejector, five-piston system
- Electric push rejector or pneumatic cylinder
- Rejected-product accumulation area
- Product centring device at the tunnel inlet
- Conveyors
- TrazAIS: traceability and serialisation

Send us samples

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