

Integrated Label Printing and Vision Inspection

Every Label Checked Before It Reaches Your Product

The X350 Inspectra combines full-color, on-demand label production with automated in-line vision inspection. Developed by Afinia Label in coordination with AIS Vision Automation, the integrated system checks every label during production to identify critical errors before labels reach your products.

Designed for medical-device, pharmaceutical, and other quality-critical manufacturing environments, the X350 Inspectra helps reduce manual inspection, labeling errors, waste, rework, and preprinted label inventory while supporting a more controlled production workflow.



Automated Defect Detection

Identify missing print, streaks, voids, spots, and incomplete elements.

Critical Data Verification

Inspect barcodes, 2D codes, lot numbers, batch numbers, serial numbers, and expiration dates.

Immediate Operator Alerts

Flag failed labels so issues can be investigated and corrected quickly.

Inspection Records & Traceability

Save results and defect data for documentation, quality review, and regulated production needs.



PRINT. INSPECT. PROTECT.

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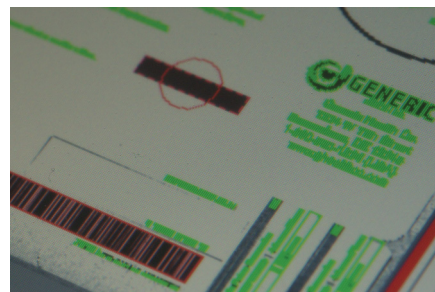


AFINIA LABEL®

X350 Inspectra Specifications

Inspection Performance

Inspection method	Automated in-line machine vision
Inspection coverage	100% of the printed web
Maximum inspection speed	Up to 27 metres per minute
Maximum inspection width	Up to 324 mm
Reference method	Comparison against an approved master
Job setup	Saved and reusable inspection recipes



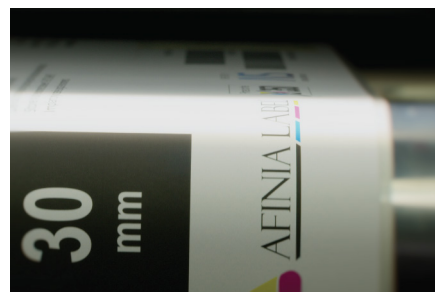
Inspection Capabilities

Print inspection	Missing print, streaks, voids, spots and incomplete elements
Text inspection	Presence and content verification
Variable data	Lot, batch, serial and expiration information
Code inspection	Supported 1D barcodes and 2D codes
Artwork inspection	Comparison against an approved reference
Registration inspection	Detection of position and registration variation



Fault Management, Reporting and System

Fault notification	On-screen alert with highlighted defect location
Production response	Configurable alert and production stop
Defect records	Failed-label images, job results and inspection summaries
Job storage	Saved inspection configurations
Controller and display	Dedicated AIS controller with touchscreen interface
Connectivity and storage	Ethernet connection and local inspection records
Electrical requirements	To be confirmed for regional configuration
Installed dimensions / weight	To be confirmed



Powered by AIS Vision Automation

The X350 Inspectra combines Afinia Label's on-demand color-label production technology with machine-vision expertise from AIS Vision Automation.



Schedule an X350 Inspectra Demonstration

Discover how automated vision inspection can bring greater control, consistency, and traceability to your label-production process.

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