INLINE WEB INSPECTION

FIS 1000

Every defect in the running web – detected in real time.



01

Four versions

Surface Camera, Tandem, Biaxial and Economy.

02

Film, paper, metal

Film, nonwovens, textiles, paper, sheet metal, steel and aluminium.

03

Open data

Reports as CSV, via TCP/IP or customer-specific.

What the FIS 1000 delivers

Adaptive LED lighting

Transmitted, reflected, bright or dark field – to suit material and defect.

Process synchronisation

Recipe preselection, roll change, encoder, alarm light and line stop.

Classifier teach-in

Classify defects from real defect images – any number of classes.

Defect map

Continuous view of all defects as symbol, image and grey-value detail.

Camera technology

Line cameras based on CoaXPress 2.0 in 4K, 8K or 16K; Economy also GigE Vision, depending on version.

Evaluation

Either vSTAT (internal SQL database) or PAT (file-based) for statistics and reports.

RELIABLY DETECTS

Gels · Black specks · Holes · Insects · Oil stains · Contamination · Burn marks · Fisheyes · Drips · Thin spots · Wrinkles

KEY TECHNICAL DATA

CAMERA CoaXPress 2.0 · 4K–16K · GigE	SOFTWARE CAMEN 12	EVALUATION vSTAT or PAT (optional choice)
INDUSTRIAL PC 16 GB RAM · 1 TB SSD	CONTROL CABINET Air conditioning or water cooling (Economy: fan)	INSTALLATION On request by R.A.M.

Let’s talk about your application.

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More about the FIS 1000