100 % inline inspection of every square millimeter of the printed job at the highest machine speed

Earliest detection of systematic printing defects & 100 % detection of sporadic defects

Providing valuable details and reports for improving performance and yield

Easy to operate

CartonSTAR

Inline inspection for printed corrugated boards (flexo printing)

ISRA VISION

ABOUT CartonSTAR

Discover CartonSTAR, the state-of-the-art inline inspection system designed specifically for corrugated boards embellished with flexo printing. CartonSTAR is your vigilant eye against printing imperfections, detecting sporadic splashes, dirt, color inconsistencies, streaks, and missing prints with unparalleled precision. Equipped with advanced classification software, it effectively discerns between relevant and irrelevant defects, optimizing yield rates. Thanks to its sophisticated algorithms, CartonSTAR compensates for the uneven surfaces of boards, eliminating pseudo defects during inspection. Defective sheets are promptly identified and ejected post-printing, ensuring only the highest quality output. Elevate your productivity and quality assurance standards with CartonSTAR – the ultimate solution for flawless corrugated board printing.

KEY FEATURES

- PDF Verification
- Inline & continuous monitoring: add-on functionalities to monitor basic product/process parameters (color consistency, print-to-print register, print-to-board register)
- Add-on functionality to concentrate on points of interest (Masking of die-cut areas)
- LiveSheetView for fine-tuning of the register during make-ready
- Integrated data mining and reporting tools
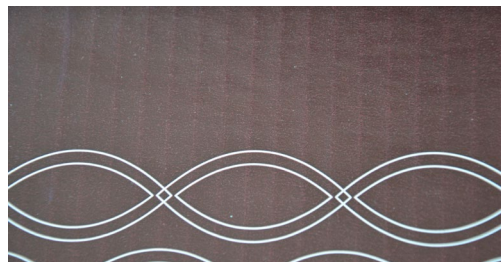- Verification of static bar- or QR- codes

APPLICATIONS

- Flexo printing for corrugated board sheets
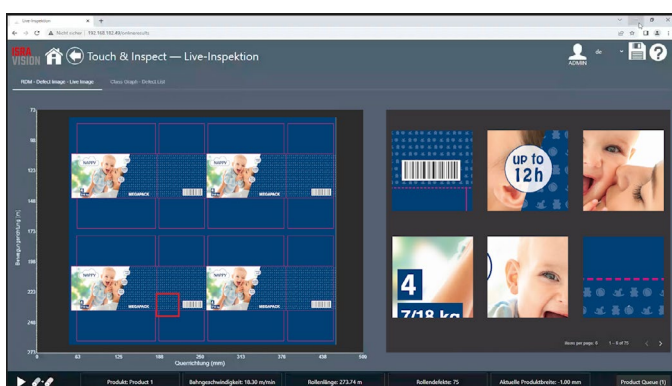- Flexo or offset preprint in web printing

TYPICAL DEFECTS

Missing print

Flutlines - Surface inhomogenity

Easy to use Touch & Inspect graphical user interface for CartonSTAR showing the rolling defect map

ISRA VISION
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www.isravision.com