

EyeC ProofRunner *Carton*



EyeC ProofRunner *Carton* offers you a consistent and reliable method of 100% inspection of cartons and folding boxes.

The system

EyeC ProofRunner Carton is a 100% inspection system for carton blanks and folding boxes that can be inspected on a conveyor belt. Each deviation between a folding carton and the customer proof (e.g. PDF) is identified and the defective item separated out. The system records the defect information in an automatically generated report - offering you 100% quality control.

The system is used as final check in the print shop for cartons used for pharmaceuticals, cosmetics, toiletries, cigarettes and branded products. With EyeC ProofRunner Carton, you can deliver exactly what your customer expects.

Ease-of-use

EyeC ProofRunner Carton uses customizable parameter sets to meet specific quality standards for diverse products yielding consistent, reliable results through an intuitive user interface.

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What defects are found?

EyeC ProofRunner Carton finds all typical printing defects such as:

- ✔ missing parts of letters
- ✔ filled-in letters
- ✔ hickeys
- ✔ smudges
- ✔ missing ink
- ✔ spots
- ✔ color deviations
- ✔ defects in hot-or cold stamping elements
- ✔ surface flaws
- ✔ scratches
- ✔ missing varnish
- ✔ die-cut defects
- ✔ creasing defects

Since EyeC ProofRunner Carton compares the printed items to the PDF proof, it can also detect errors made at the pre-press stage, for example:

- ✔ typos
- ✔ reversed colors in graphical elements
- ✔ wrong font or font attributes (bold, italic, etc.)
- ✔ incorrect character spacing
- ✔ missing special characters or accents

Technical data

EyeC ProofRunner		
Carton		
Performance	Inspection Width	2 x 300 mm (11,81") or 1 x 450 mm (17,72")
	Mode	2k color or 4k b/w
	Speed (max.)	up to 240 m/min up to 120,000 folding boxes/ hour on 2 lanes
	Resolution	173 dpi (300 mm / 2k color) 346 dpi (300 mm / 4k b/w) 116 dpi (450 mm / 2k color) 231 dpi (450 mm / 4k b/w)
Features	Operating System	Windows based (64 bit)
	Networking	1 GbE
Requirements	Ambient Temperature	5°C to 35°C (42°F to 95°F)
	Ambient Humidity	10% to 80%
	Power Supply	100-120 V / 50-60 Hz / 9 A or 200-240 V / 50-60 Hz / 4.5 A
Options	Test against Good-to-Print PDF	standard
	Variable Data Inspection	optional
	Color Monitoring	optional
	Hot- and Cold Stamping / Reflecting Surface	standard

Contact us

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