

EyeC ProofRunner *Carton Retrofit*



Take advantage of the latest 100% print inspection technology without replacing your existing machinery!

The EyeC ProofRunner Carton Retrofit converts practically any existing folder gluer into the perfect inspection solution for folding cartons. As required for most packaging materials for pharmaceutical, cosmetic, toiletry, and branded products, the system inspects 100% of the production and **compares it against the signed-off proof** (typically a PDF file). It uses the folder gluer's existing ejection device to reject any defective item, and provides a full inspection report. As a result, quality requirements are met and customer rejects are avoided.

Compact solution

Developed together with the machine manufacturer **Kohmann**, the EyeC ProofRunner Carton Retrofit is a self-contained unit which is integrated between the folder gluer's feeder and the pre-folding section **adding only 800 mm (31.49")** to the overall length of the machine.

It folds, it glues, and it rejects non-conforming items. **Add 100% print inspection to your folder gluer!**

High speed AND high accuracy

The EyeC ProofRunner Carton Retrofit inspects the entire carton surface, including all flaps. Even if operated at a speed of **up to 500 m/min (1,640 ft/min)**, it detects the smallest defects, so the operator does not have to slow down production or compromise on quality standards.

Ease-of-use

The EyeC ProofRunner Carton Retrofit is quick to set-up and easy to use. The intuitive interface guides the operator, increasing process safety, while simplifying quality controls and enhancing the operator's satisfaction.

Smooth operation and maintenance

The high performance vacuum belt of the EyeC ProofRunner Carton Retrofit guarantees safe handling of all cartons as well as their proper alignment. Moreover the unit is easily accessible for maintenance.

Learn more



EyeC ProofRunner Carton Retrofit

What type of defects are found?

- ✔ job mix-up
- ✔ defects in text (e.g. missing/broken characters)
- ✔ water spots, scratches, hickies, smudges
- ✔ ink starvation and color deviations
- ✔ press contamination
- ✔ plate, blanket or cylinder damage
- ✔ die-cutting defects
- ✔ print, foil, crease and perforation misregister

Key features

- ✔ **100% job inspection**
Ensures quality and keeps customers satisfied.
- ✔ **Automatic sorting of defective items**
Makes sure that only the correct items are delivered.
- ✔ **Checks against Customer Proof or Good to Print PDF**
Performs a comprehensive content verification in any languages, and automates job set-up.
- ✔ **High and low priority regions**
Meets quality requirements, while limiting waste.
- ✔ **Hot and cold stamping / reflecting surface inspection**
Addresses the different market needs.
- ✔ **Predefined parameter sets to select tolerance**
Adapt the inspection sensitivity to each job with one click.
- ✔ **Running total of good and defective items**
Prevents underdeliveries.
- ✔ **Comprehensive inspection report**
Keeps track of inspection results and certifies quality.

Technical data

EyeC ProofRunner Carton Retrofit*			
	Version	400	660
Performance	Inspection Width	400 mm (15.74")	660 mm (25.98")
	Job Width	450 mm (17.71")	700 mm (27.55")
	Resolution	244 dpi	152 dpi
	Pixel Size	104 µm	167 µm
	Mode	4k color	4k color
	Speed (max.)	up to 400 m/min (1,312 ft/min)	up to 500 m/min (1,640 ft/min)
	Module Length	800 mm (31.49")	
Requir.	Power Supply	100-120 V / 50-60 Hz / 9 A or 200-240 V / 50-60 Hz / 4.5 A	
	Power Consumption	6 kW	

* Other dimensions on request.

Options

- ✔ Color monitoring
- ✔ 1D and 2D code reading
(Barcodes, Data Matrix, QR Codes)
- ✔ Variable data inspection
- ✔ Automatic definition of priority regions from the PDF file
- ✔ Health warning messages inspection
- ✔ Defects heatmap