LearyVIEW™

PRINT INSPECTION

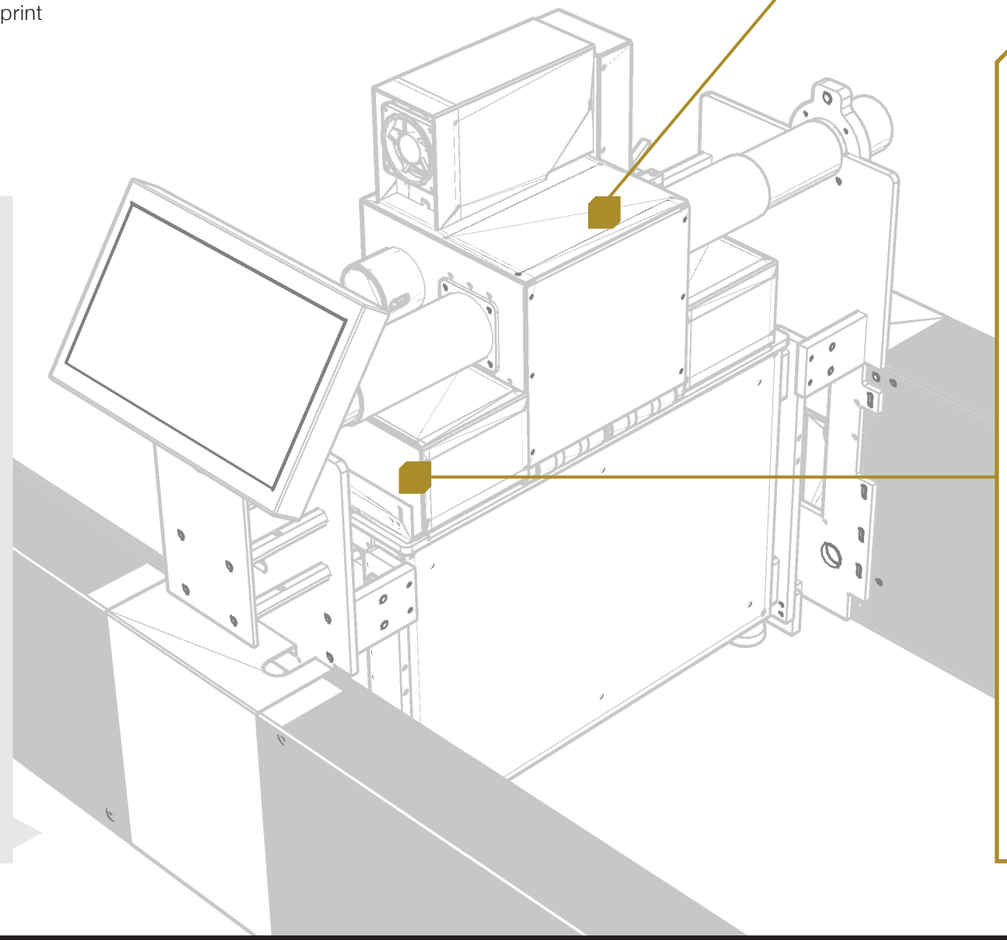
LearyVIEW™ PRINT

The LearyVIEW Print Solution delivers 100% full-product vision inspection to detect for print quality, color quality and missing copy. Speeds up to 400 m/min (1,300 ft/min) maintain production deliverables.

With optional OCR (optical character recognition), barcode grading and Delta E color inspection, this technology creates the complete solution for the pharmaceutical, cosmetic, food and other industries where flawless print and registration are required.

LearyVIEW Print can be used as a regulatory compliance tool and as a way to gain new customers who require a spot or blanket check on the entire printed side of a carton.

LearyVIEW Print is installed in-line, allowing for seamless retrofitting to your existing folder gluer. Achieve impeccable carton quality for your customers and brand owners.



- EyeC inspection software
- 100% inspection for print quality defects up to 400 m/min (1,300 ft/min)
- Detects blemishes as small as 0.4 mm (1/64 in) *
- Simple operator setup
- Remote monitoring capability
- Carton tracking for rejection
- In-line retrofit solution to most existing folder gluers
- Industries include pharmaceutical, cosmetic and tobacco

* Based on camera and speed selection

EyeC quality control systems

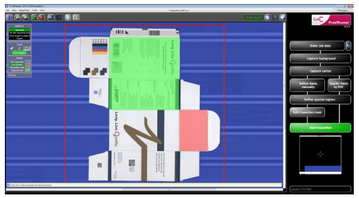
Your vision for quality.

Leary utilizes EyeC vision technology for the most user-friendly, fast, and advanced solutions to identify errors and print defects before they generate losses.

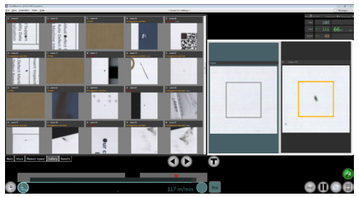
The Leary and EyeC partnership provides the folding carton industry with the most precise in-line inspection system from the first artwork file to the finished product.

SOFTWARE INTEGRATION

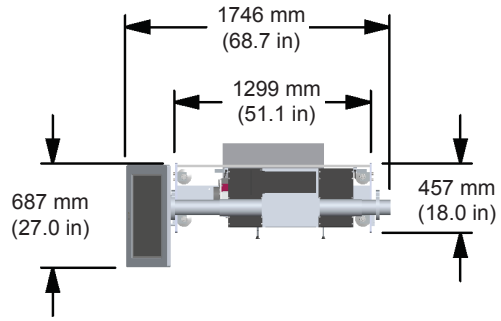
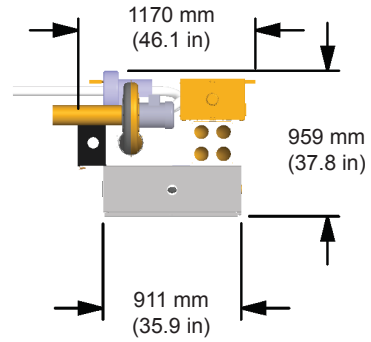
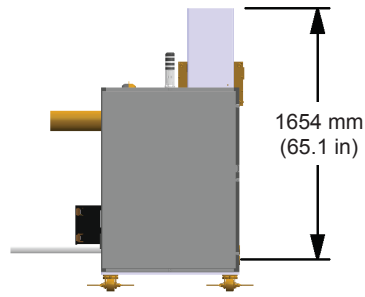
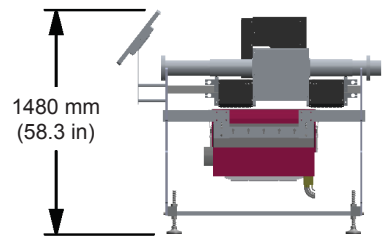
- Delta E color inspection capability detects color variations within a sector
- PDF comparator to verify print to the original artwork
- Variable data (OCR) reading (for 400 mm width or 8K only)
- 1D and 2D barcode reading
- Variable data barcode reading
- Automatic setup from enriched prepress PDF
- Software maintenance program to maintain technology evolutions



Set inspection parameters



Identified printing defects

PHYSICAL CHARACTERISTICS
Power Requirements
430 V 3 Ph at 60 Hz 30 Amps
Separate AC motor for vacuum fan system
NEMA 12 cabinet
Machine Features
Optimal gluer location is after carton aligner section
“Slide and lock” adjustments mounted on linear rail bearings
Touch Screen mounted to the inspection unit
Leary System Requirements
Array™ and MaQ+™ controllers
Available pattern input required
SYSTEM SPECIFICATIONS
Carton Sizes
Max Blank Size: 1,100 mm (43 in) W & 610 mm (24 in) L
Max Inspected Size: 762 mm (30 in) W & 610 mm (24 in) L
Min Size: 127 mm (5 in) W & 127 mm (5 in) L
Folder Gluer Paper Heights: 785 mm (31 in) to 915 mm (36 in)
Inspection Speeds
Up to 400 m/min (1,300 ft/min) for 4K color camera
Up to 300 m/min (1,000 ft/min) for 8K monochrome camera
Up to 160 m/min (525 ft/min) for 8K color camera
Inspection Widths
400 mm (15.75 in) camera head, 0.104 mm (244 dpi) resolution - 0.4 mm min. defect size
550 mm (21.65 in) camera head, 0.134 mm (189 dpi) resolution - 0.5 mm min. defect size
760 mm (29.9 in) camera head, 0.185 mm (137 dpi) resolution - 0.6 mm min. defect size

DIMENSIONS: