

FoldChek Ensures FFG Fold Quality

FoldChek mounts at the end of the folding section of a Flexo Folder Gluer and measures lead and trail gap on every box as it passes. It flags out-of-tolerance gaps, misfolds, and exposed glue immediately, while continuously tracking every measurement so operators can see when the process starts to drift and what adjustments the folding rails may need before more bad boxes are made.



Fewer Returns and Recalls

Inspect every box, create a documented quality record, and stop defects before they reach your customers.



Increased Efficiency

Provides automated real-time process monitoring to maintain consistent quality and reduce waste.



Cut Waste at the Source

Defects are identified instantly, allowing problems to be corrected before additional waste is produced.

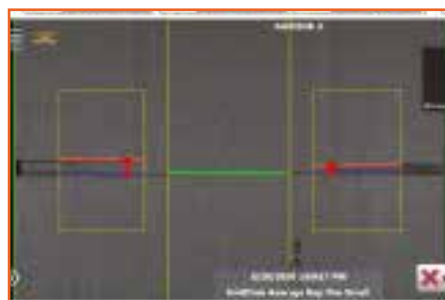
How it Works

FoldChek mounts on a motorized positioning rail about half a meter from the box, imaging every box as it exits the folding section. FoldChek tracks lead and trail gap trends across the run and reports Cp and Cpk directly from the SPC chart, giving you a live read on how the folding rails are performing. Operators see shifts as they develop and can adjust, keeping the process centered well before gaps drift out of spec.

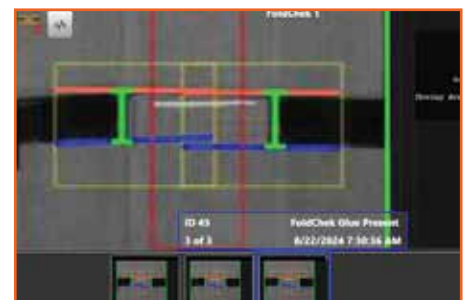
Detected Defects:



Misfold Defect



Out Of Tolerance Gap Defect



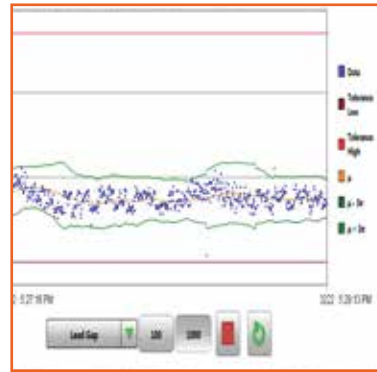
Exposed Glue Defect

Features



User-friendly interface

Live product images and defect history on a single screen



Process Control

Tracks every box measurement with control limit display and trend-based alarming to drive gaps to target



Online help and support

24-hour support hotline, remote troubleshooting, and software updates.



Motorized Positioning Rail

Camera positions automatically and can be manually centered on any fold

Turn Quality Control Into a Proactive, Data-Driven Advantage

FoldChek's built-in defect logging, image storage, and order-based reporting give operators and quality teams the data to identify root causes and make the process adjustments needed to prevent repeat gap problems. Every box measurement is recorded and traceable, giving you documented proof of quality you can put in front of customers and use to win new business.

- Provides documented proof of quality for customers and audits
- Builds confidence in every shipment and strengthens customer trust
- Creates production records that support sales, service, and continuous improvement



Integrated Solution



For more information, visit valcomelton.com or contact your local Valco Melton representative.

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