ClearVision
THE PERFECT BOX
VALCO MELTON

GLUECHEK

How it Works

GlueChek™ takes a picture of every glue tab. The system analyzes the glue pattern to ensure that no gluing problems exist. When a gluing problem is found, GlueChek™ notifies operators by alarm, then marks the defective box and saves an image of the gluing problem.

Benefits

By identifying and removing all defects before shipment, box makers can now provide perfectly glued boxes to their customers. Having saved a picture of every defect builds operator confidence, helps maintenance troubleshoot, and increases customer satisfaction.
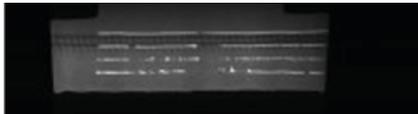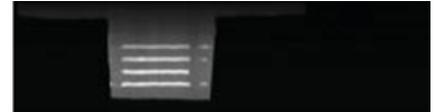
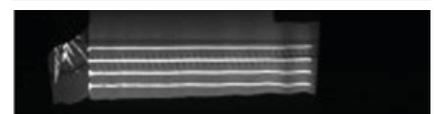## Bad Glue Joint Examples

No Glue

Light Glue

Damaged Box

Glue Gaps

Late End

Late Start

Missing Bead

Hanging Tab

Skew/Offset Examples

Skew
Skew tolerance set by angle.

Offset
Offset box compares each box location accross machine with learned position.
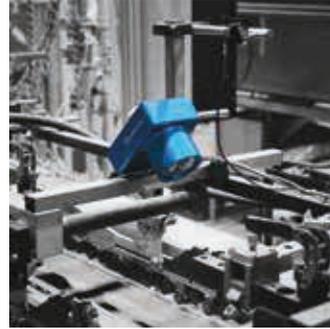
Please Recycle
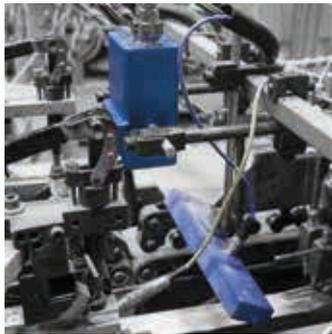
Cameras For Every Application

Narrow

- Small footprint
- Simple to move and install
- Self-calibrating
- Ideal for single glue line or DOT applications
- Field of view 60mm wide

Standard

- Typically uses external lighting
- Best for permanent mount
- FOV: 40mm (1.57") to 100mm (3.94")
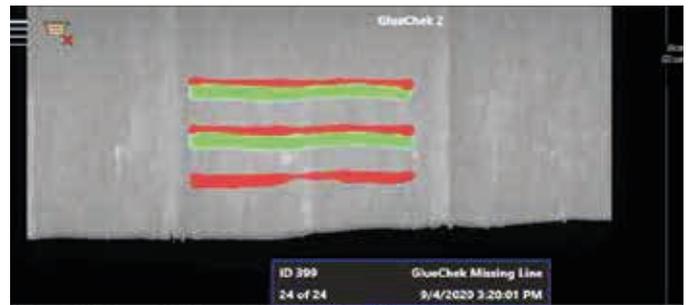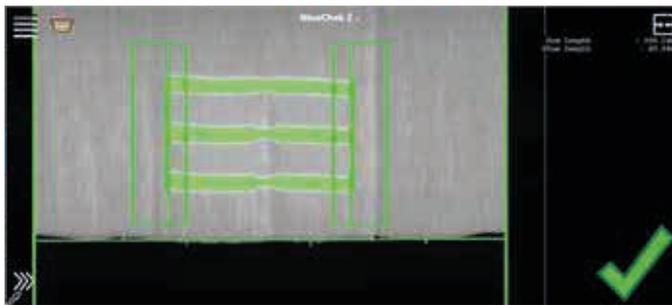- Ideal for LaserChek, GlueChek, and WindowChek applications

Mega

- Ideal for whole carton image
- Glue pattern, flaps, and fold confirmation
- FOV: 60mm (2.36") to 700mm (27.56")

Shadow

- Built-in lighting source
- Designed to create profile or shadow to define raised edges.
- Ideal for braille, glue patterns, tip-ons and more

GlueChek User Interface