



# PRINTCHEK

## How it Works

A series of line scan cameras image the entire width of the FlexoFolderGluer or DieCutter to collect a full size image of every fed sheet. Sheet size, rotation and print quality are assessed on each sheet and compared to either a pdf golden standard or a learned golden standard.

- Prior to Die-Cutter
- Empty print section
- Dryer area
- Above or below sheet depending on machine-type



## Features

PrintChek inspects the following:

### Sheet Problems

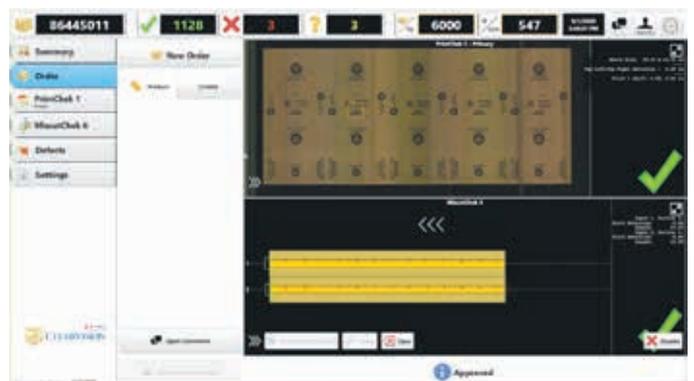
- Blank measurement and skew
- Box damage including de-lam on surface being inspected

### Print Problems

- Spots/hickeys
- Registration (color-to-color and color-to-cut)
- Stripes
- Scratches
- Missing print
- Smearing
- Double print/ghosting
- Drying
- Barcode health check
- Delta-e color measurement

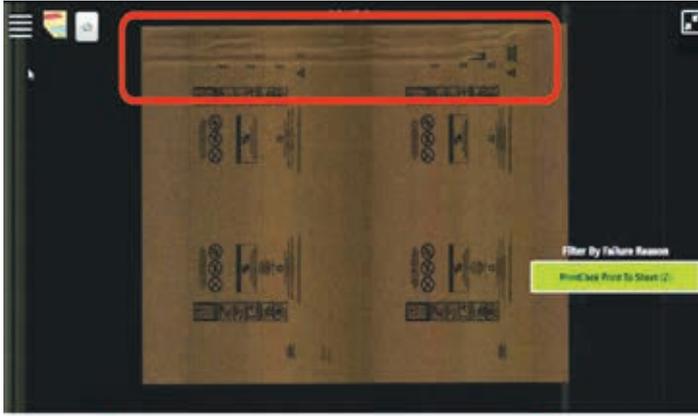


*Full Sheet Inspection*

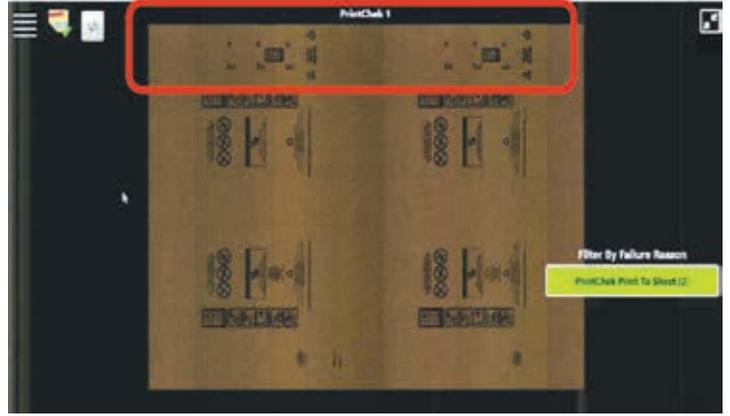


*Familiar ClearVision User Interface*

## Defect



## Standard



### Details

In-field adjustable:

- Lighting intensity
- Lighting angle
- Camera alignment
- Resolution – 0.5mm [0.020"]
- Minimum defect size – 2mm [0.080"]
- Color delta e differences of >3

### Working With PrintChek

- Familiar ClearVision interface
- Large full-sheet images
- Easy to enable and configure tolerances and tests
- Full local defect data collection
- Archival image management
- Easy arming

### Components

- Line-scan cameras
- Lighting Modules
- Image processing computer
- Operator Interface
- Sheet guiding
- Air blow-off
- Lighting Power Supplies
- Cooling



For more information, visit [valcomelton.com](http://valcomelton.com) or contact your local Valco Melton representative.

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