

## 100% PRINT INSPECTION SYSTEM FOR GRAVURE, LABELS, FLEXO

The next generation of quality control system for today's market, which encompasses three fundamental principle, "flexibility", "ease of operation" and of course, being **FUTEC**, "technology".

### FUTEC's ACHIEVEMENTS

Pioneer for 100% Inspection, Over 35 Years of Experience, Japanese Quality Craftsmanship, Longevity Beyond Depreciative Value, Low Maintenance, Minimal Service Required.

### MODELS

#### Easy Max.GR

For wide web inspection, ROTO & FLEXO  
Inspection width Max. 1350mm

#### Easy Max Label

For narrow web inspection, Label Printing  
Inspection width Max. 300mm

### FLEXIBILITY

Information can be shared anywhere you need it, including via tablets or smartphones.

### THE MOBILE MULTI USER INTERFACE

Control and Monitoring through a mobile terminal via a wireless LAN. Eliminating the burdensome and outdated tradition of one fixed point of operation.



### FREE LAYOUT



Use as many monitoring point at as many desired locations as you choose.

Freedom to watch and utilize different screens and functionality simultaneously.

### EASY OPERATION

Operator Friendly. Intuitive ICONS and Controls Replacing Outdated and Burdensome Buttons, Keys and Numeric Entries.



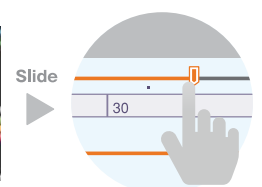
### EASY STARTUP



### EASY OPERATION



### EASY SETTING



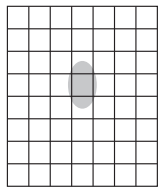
**TECHNOLOGY** Proprietary High Resolution Benefits

**A Multi-camera System with High-speed 80MHz Camera**



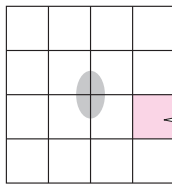
- Industry Leading Accuracy
- No Loss Signal
- Fastest Line Speeds
- Smallest Defects
- Precise Classification

FUTEC's Technology

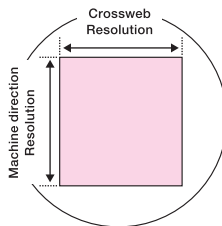


Detection is Possible

Others



Cannot detect



The measured dimensions are displayed on the user Interface as numerical data and in a trend graph. When the measurements vary outside prescribed values; signals of different sounding alarms, marking devices, external outputs, etc. will be triggered.

**ROI (Region of Interest)**

ROI (region of interest) permits areas of the design to be inspected with varying degrees of severity, ensuring the highest quality standards are maintained and preventing unnecessary waste.

**APPLICATION**

- For web widths from 500 to 2500mm
- Web speeds up to 800m/min and above
- Print substrates - Flexible Packaging, Cartons
- Paper, Films and Foils
- Coatings.

**DEFECT IMAGE SORT SCREEN**

- Separates defect images to 4 levels for easy analysis
- 2,000,000 defect images stored
- Helps in setting alarm, waste marking levels

**PRINT REPORTS**

- Individual defect image printouts
- Configurable Roll and job reports
- Automatic printout

**ROLL MANAGEMENT SYSTEM**

View Station (Downstream Process Control) located at the last stage of the production process, the View Station takes direct control of the Rewinder or Slitter. Edited Roll data for the current roll is downloaded enabling the machine to run at full speed until it approaches an area of material with defects present. Automatically stopping allowing removal of the identified waste material.

**REPEAT LENGTH MONITOR**

- Line graph display showing repeat length for complete roll length
- Adjustable tolerance parameters for alarm warning levels

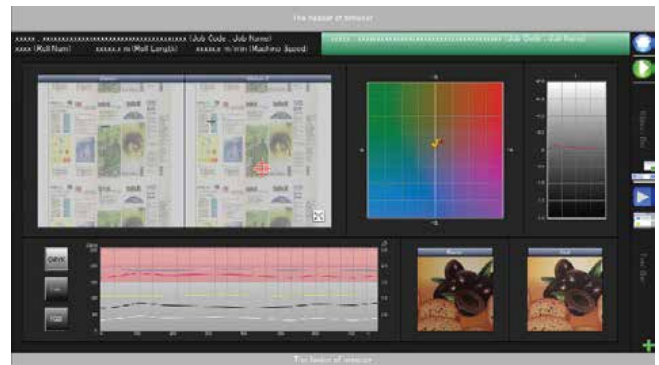
**PRINT MONITORING**

- 4 Points monitoring
- Zoom from x1 to x8



**COLOR MONITORING**

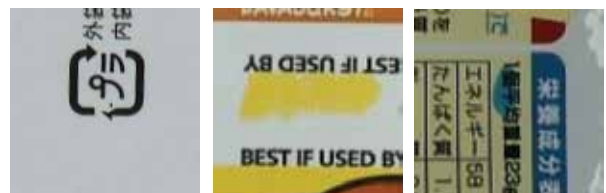
- 4 Areas Simultaneously
- Wavelength Data
- Threshold Alarm



**DEFECT TYPES**

Colour, Mis Register, Streaks, Spots, Splashes, Smears, Hazing, Ink Starvation, Insects, Material Faults, Contamination

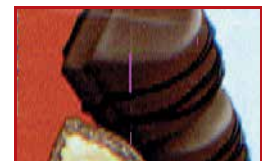
- Misprint
- Dirt
- Spot



- Cluster
- Cyclical Defect



Blade Line Defect



Scum Mark Defect

