

**Smart Inspection Management System**

# **EasyMax.FX**

**The Gateway Into the Mind of FUTECH  
From the Pioneer of 100% Print Inspection**

**The Ultimate App Bringing the Operator  
and Inspection Together as One !**

A new technology that allows Operators and Management to control  
and to view production in Real-Time from Anywhere.

# Flexibility

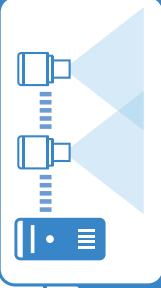
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Allows Inspection to be Controlled and Monitored from Anywhere on your Network.

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# Flexibility

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



EasyMax.FX

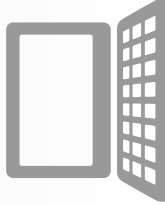
FUTECH

Remote Support



## 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- Eliminating the burdensome and outdated tradition of one fixed point of operation.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 points at as many desired locations as you choose.
- Freedom to watch and utilize different screens and functionality simultaneously.



The World's First Inspection System designed for Operators by Operators

!!!  
**Easy**!!!

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With an Easy to Learn and Understand user interface,  
Operators have more freedom to Multi-task and get the job done Right!

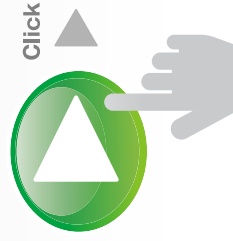
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# Easy

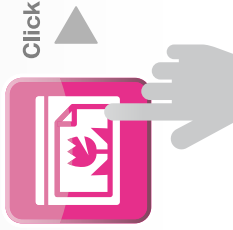
Operator Friendly, Intuitive ICONS and Controls Replacing Outdated and Burdensome Buttons, Keys, and Numeric Entries



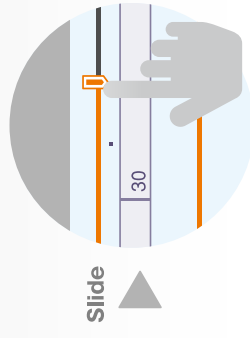
## Easy Startup



## Easy Operation



## Easy Setting



New Technology developed using a Proprietary Ultra-Sensitive Camera allows for High Speed  
and Precisely Accurate Inspection of both Coated and Uncoated areas Simultaneously



# Technology

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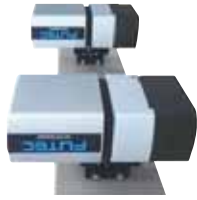
As a Pioneer in the Inspection Industry, Futech has over 35 years of Experience.  
By Designing, Building, and Engineering our own Cameras and Hardware,  
Futech has the Unique ability to Share our Wisdom and Give Inspection Capabilities Like No Other.

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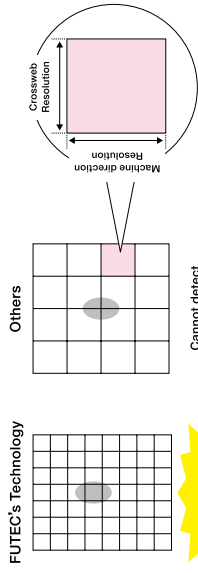
# Technology

Proprietary High Resolution Benefits

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



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



Detection is Possible

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 for different sounding alarms, marking devices, external outputs, etc. will be triggered.



### Print Monitoring



- 4 points monitoring
- Zoom from x1 to x8

### Color Monitoring



- 4 Areas Simultaneously
- Wavelength Data
- Threshold Alarm

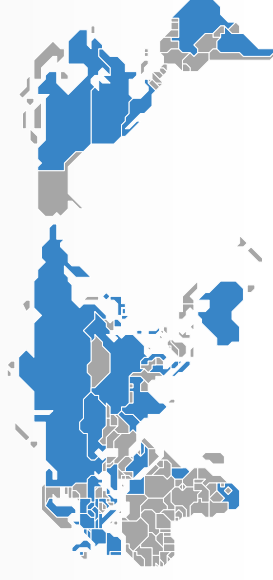
## High Detectability and Clear Flaw Images



### Futec's Achievements

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

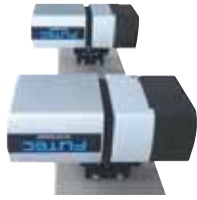
### Worldwide installations



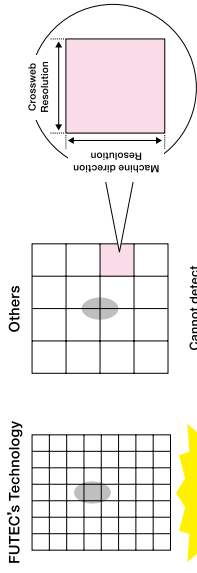
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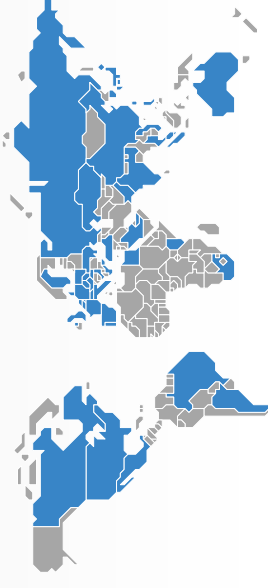
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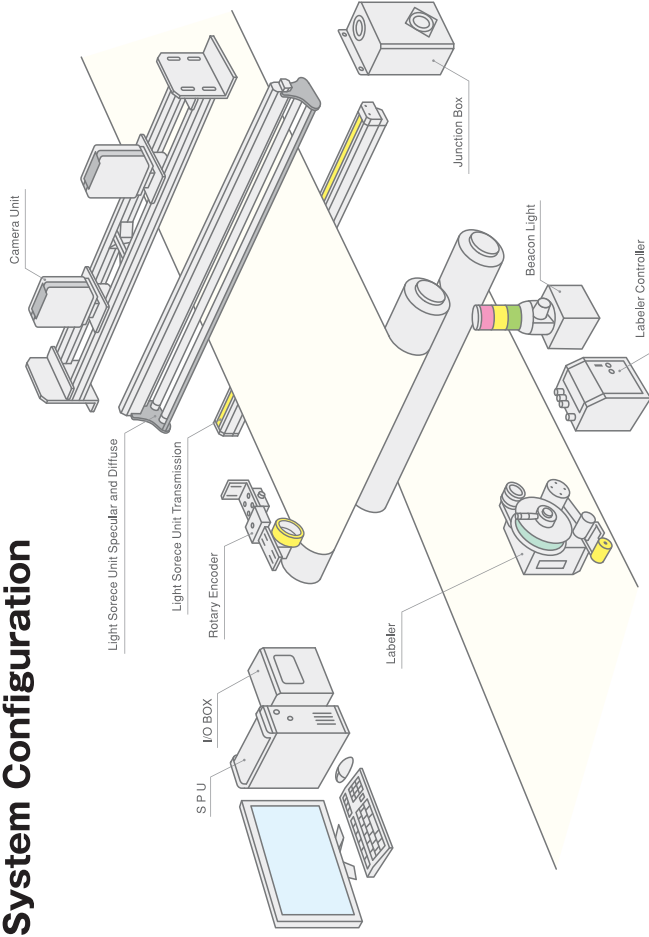
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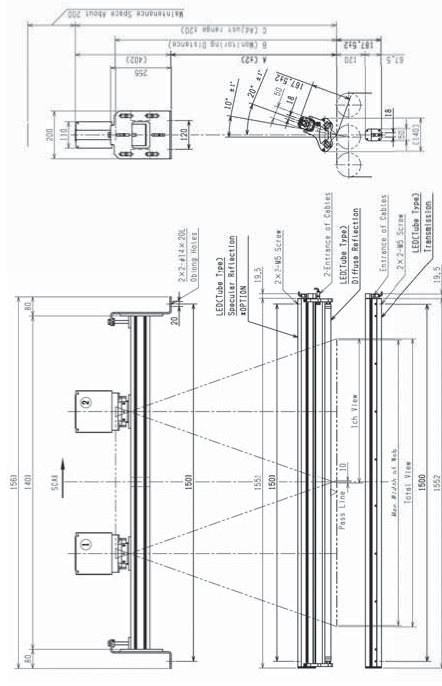




## System Configuration



## EasyMax.FX 8000



1ch View	Total Width	Web Width	A	B	C
610	1210	1200	696	930	1098
660	1310	1300	758	992	1160

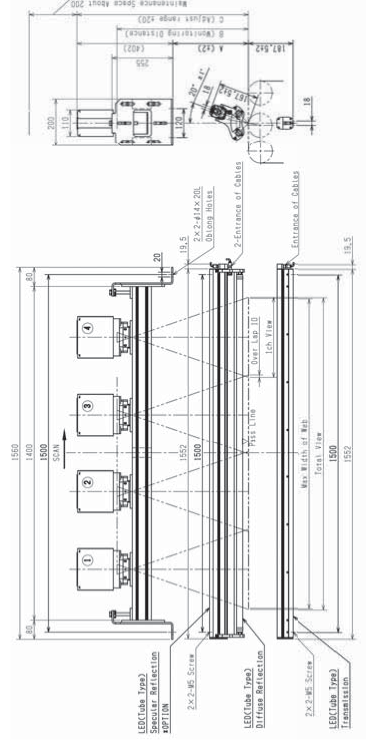
## Hardware Specifications

### EasyMax.FX Coming Soon

		4000	8000	16000
Camera	Models	4000 pixels Color		
	Number of Cameras	1	2	4
	Inspection Width	Max 1350 mm		
Light Source	Optical Arrangements	LED Light (with Light Intensity Control)		
		Diffuse Reflection	<input type="checkbox"/>	<input type="checkbox"/>
		Transmission	<input type="checkbox"/>	<input type="checkbox"/>
	Special Streak Detection Hardware(Circuit)	Specular Reflection	<input type="checkbox"/>	<input type="checkbox"/>
		Special Streak Detection Hardware(Circuit)	<input type="checkbox"/>	<input type="checkbox"/>
		Special Dirt Detection Hardware(Circuit)	<input type="checkbox"/>	<input type="checkbox"/>
S.P.U	Special Spot Detection Hardware(Circuit)	<input type="checkbox"/>	<input type="checkbox"/>	
	Special Dragout Detection Hardware(Circuit)	<input type="checkbox"/>	<input type="checkbox"/>	
	SQL Database	<input type="checkbox"/>	<input type="checkbox"/>	
	Industrial Board Computer	<input type="checkbox"/>	<input type="checkbox"/>	
Rotary Encoder	Maximum Press Speed	Unlimited		
	2500 pulse Rotary Encoder**	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\*Option  
 \*\*When line speed is less than 500m/min, it is a touch type, but, in the case of further speed, become the axis direct connection type.

### EasyMax.FX 16000 Coming Soon



1ch View	Total Width	Web Width	A	B	C
310	1210	1200	283	517	685
335	1310	1300	317	551	719

# FUTEC always meets the needs of our customers and provides the most advanced solutions in our industry to maximize quality control.

## PRODUCTS

Printed Web Inspection System

- EasyMax.GR** **NEW**
- EasyMax.FX** **NEW**
- EasyMax.GS**
- EasyMax.CS**

Plain Web Inspection System

- MaxEye.Film** **NEW**
- MaxEye.CORE/320C**
- MaxEye.Impact**
- MaxEye.Basic**

Electrode material Inspection System

- MaxEye.Impact/RB**
- X-ray Thickness Gauge
- Accurex**

## FIELDS

- **Printing**  
Gravure printing  
Off-set printing  
Seat / Label printing  
Flexo printing  
Blanks  
Digital printing
- **Film**  
Optical film  
Film for converting  
Electrode base film  
Vapor-deposited film  
Laminated film
- **Non-woven**  
Non-woven cloth  
Polyester cloth  
Glass cloth
- **Battery**  
Electrode material  
Separator
- **Paper/Pulpe**  
Paper  
Coated paper
- **FPD**  
AR / LR film  
AG film  
Polarizing film  
Phase difference film  
Wide viewing film  
Light diffusion film  
Electromagnetic shielding film  
Protection film  
Separator film
- **Electronic parts**  
Prepreg  
insulating paper  
CCL material  
FCCl material  
Resist film  
Green sheet
- **Others**  
Adhesives (Adhesive tape, Tac paper)  
Foam materials (Urethane foam, Styrene sheet, etc.)  
Recording materials (Magnetic tape, Ink ribbon, etc.)  
Others (Glass, Acrylic board)
- **Metal**  
Special alloy plate  
Stainless steel plate  
Aluminum foil / plate  
Copper foil / plate

FUTEC has developed visual inspection systems with CCD image sensor technology (electronic eyes) to inspect numerous industry applications. These applications include paper, non-woven fabrics, plastic sheets, metal sheets, printed materials, emerging electronic materials, as well as many others.

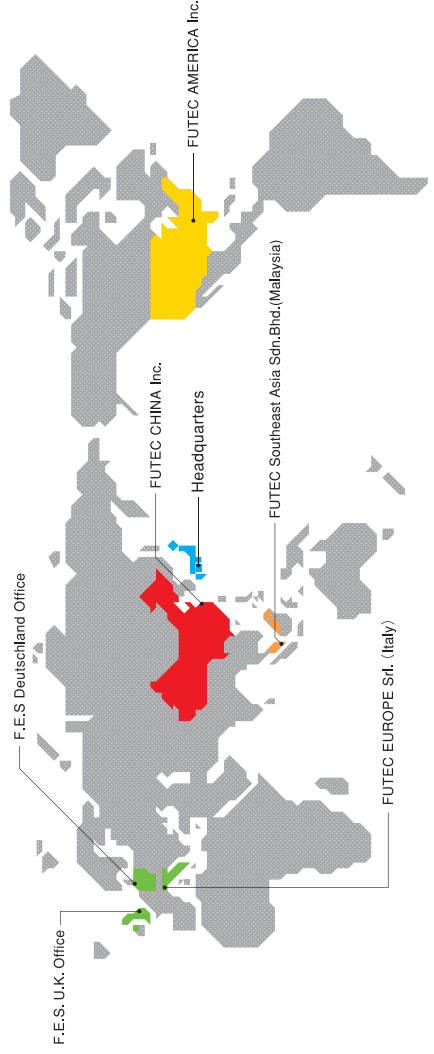
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Our motto is "No room for compromise to satisfy the needs of our customers."

We are a cutting edge Research and Development company with visionary technology and proven steady growth.

FUTEC is the Quality Control engineering company with the most value for your company.

## FUTEC GLOBAL NETWORK



- FUTEC EUROPE S.R.L.**  
Via Gerolamo da Cardano, 18, I-21013 Gallarate (VA) ITALY tel. +39 0331 792456 fax +39 0331 247407
- FUTEC CHINA INC.**  
Room1406, SINGULAR MANSION, No.322, XIANXIA ROAD SHANGHAI, 200336 CHINA tel. +86 21 5257 4298 fax +86 21 5257 4299
- FUTEC AMERICA INC.**  
827 Hwy.74 South, Suite 203, Peachtree City GA 30269 USA TEL: +1-770-461-0548 FAX: +1-770-461-0558
- FUTEC SOUTHEAST ASIA SDN.BHD.**  
No.1-55-4812, CBD Perdana2, Jalan Perdana, Cyberjaya, 63000, Selangor, Malaysia TEL: +60-3-821 0-5210 Fax: +60-3-2043-9410



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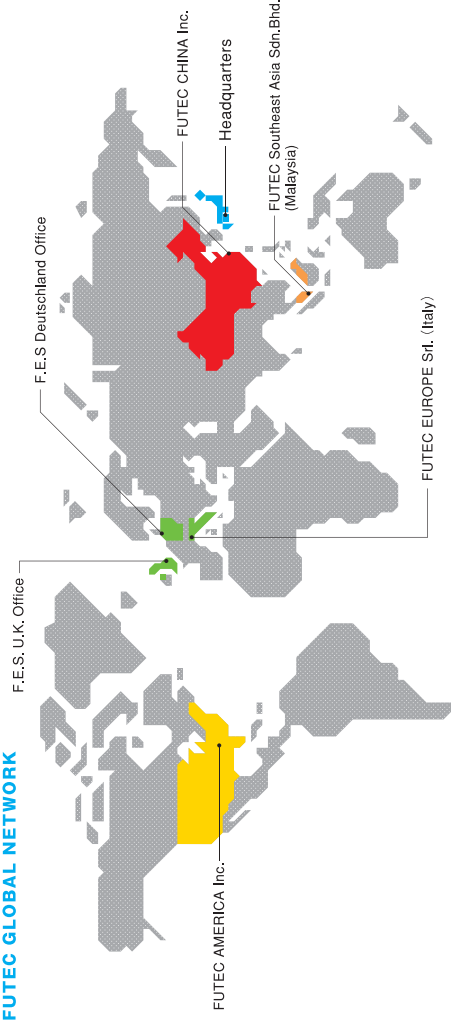
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