

WV-1806Q-330CV

2018 New Release!



High resolution 18M 4 USB cameras
Easy access to board with inspection unit slide

No need of inspection skill for SMT
AI-supported ultra-quick setting

Deviation, missing/wrong parts, upside-down, bridge etc.
Easy correction & pre-feedback with detection before reflow

Intuitive debugging operation also serving visual inspection support
Improvement of orthogonality without stopping the line



Applications on demand: Flow direction, front / back reference, L size board and special size, body color and material, change to touch panel etc.

Equipped with "Mesh Matching" (No. 6233824 patented in Japan) originally designed. The conventional parts library, effortful setting is no longer necessary.

"AI - Mesh" function assigns optimum parameters of mounting position automatically to a printed wiring board precisely reflecting the reference quality board, both installed in the system. High accuracy setting is possible in a short time.

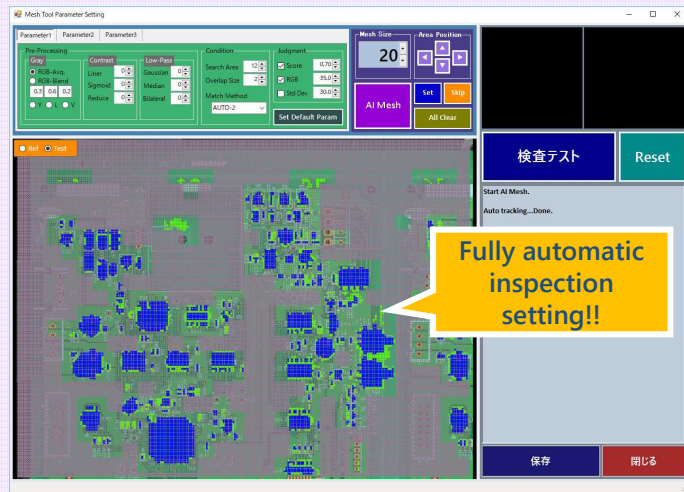


Traceability indispensable for manufacturing today

Captured image automatically stored
Bar code serial and OCR function of IC lot number available as option

Plug-in software for output conforming to your own data format

New function AI-Mesh setting image



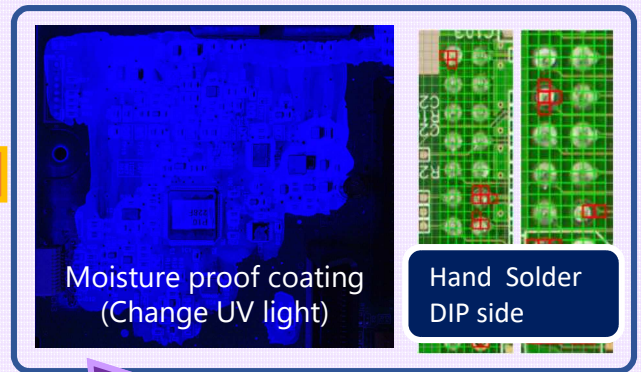
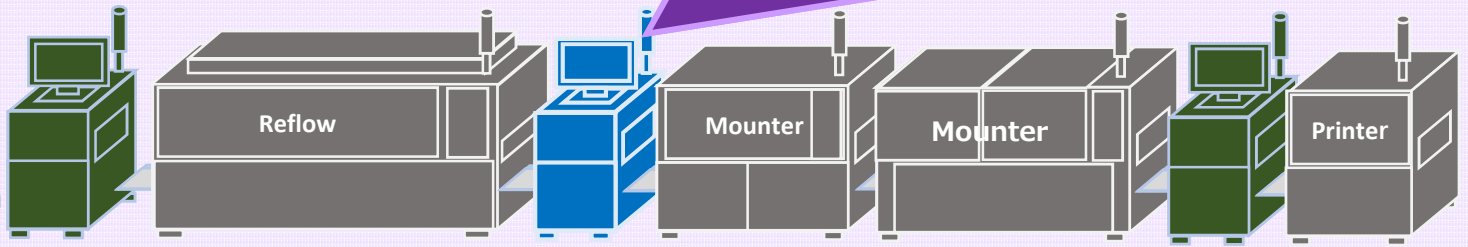
Fully automatic inspection setting!!

Inspection ready 10 min.
after setting PCB with 3,000 points on one side

Perfect solution for small & variety production

Recommended process

Best to install WV-1806-330 inline before reflow. By detecting NG before soldering hardened, secondary defects at repair are prevented, and quality is built upstream by quick feedback to a moulder and a printer.



Do you still need human inspection along with AOI? Our machine holds the key to the ultimate in quality and efficiency.

Mesh Matching increases the variety of applications playing an SPC role, including some inspection that cannot be evaluated clearly with numerical values.

Specification

Item		Specification
Model		WV-1806Q-330CV
Target	PCB size	50mm(X), 50mm(Y)-330mm(X), 250mm(Y) Thickness of board 0.4mm-3.0mm
	Component size	Minimum chip : 0.6mm(X), 0.3mm(Y) Max Height : 20mm Max number of component : No limit
	Detection target	Shortage, Direction, Deviation, Upside-down, Wrong parts, Solder-ball, Bridge, Different colors, etc. 1D/2D bar code reading, OCR (option)
Optical	Camera	18Mega pixels USB3.0 CMOS 4 cameras
	Lenz	Focal length 5MPixel resolution lens
Optical resolution		37µm/pixel
Inspection time		5-20 seconds (Variable according to area and mesh size)
Illumination		High brightness white flat LED x 4 directions
PC		CPU: Intel Core-i5 Memory : 8Gbytes OS: Windows10
Monitor		23inch Full-HD (HDMI connection)
Power supply		AC 100V~240V
Operating temperature range		5°C~40°C
Options		Special size • Automatic width adjustment mechanism • Monitor touch panel
Machine size		824mm(width), 1100mm(depth), 1305mm(height without monitor) Weight : 210kg