Automated Conformal Inspection Machine

PEMTRON

TROI-8800CI

Able to measure coating thickness

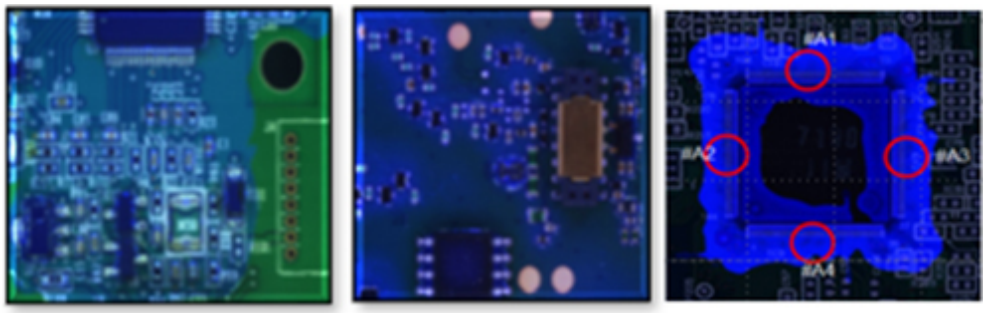
Precise measurement using refraction of light

Real-Time Process & Quality Control Solution

Real-Time communication between SPI+AOI+CI during production

Inspection Result Info Auto Sync

Use as a tool to Improve quality management

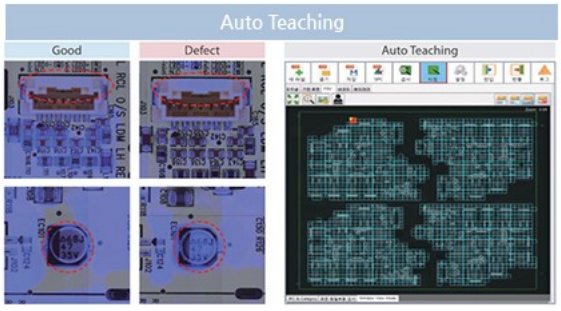


TROI-8800 CI Series (Conformal Coating Inspection System)

SPECIFICATIONS

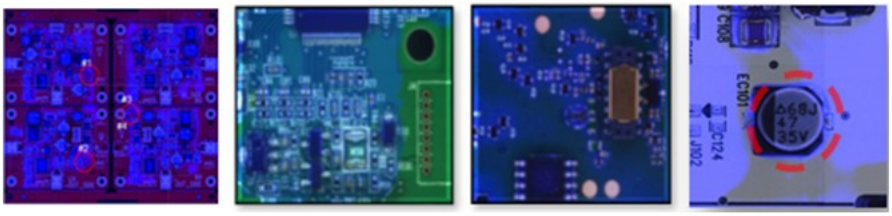
Model			TROI-8800CI		TROI-8800CIL
Camera Technology			camera module 4M (UV LEDs)		
Detection Types			coverage, non-coverage, cracks , bubble splashes, position , de-lamination		
Lighting			UV + RGB Lightning		
Resolution			**10um**	**15um**	**18um**
Inspection Speed			16.5 ㎠/sec	38.4 ㎠/sec	53.5 ㎠/sec
FOV (Field of View)			20.5 x 20.5 mm	30.7 x 30.7 mm	36 x 36 mm
Motor Type			**Gantry Type**		
PCB Specification	Working Area		Min. 50x50mm (2x2inch) Max. 290x330mm (11x13inch)		Min.50x50mm (2x2inch) Max. 470x510mm (18x20inch)
	PCB Thickness		0.4 – 7.0 mm		
	Top Clearance		60mm		
	Bottom Clearance		60mm		
Installation Requirement	Electrical Requirements		200 – 240 VAC, 50/60 Hz		
	Air Requirement		5 Kgf/㎠		
	Power Consumption	Standard Type	1.5kW (6.5A Max @ 220V AC)		1.8kW (8A Max @ 220V AC)
Control Unit	Control Method		PC Based Control (Windows 7, 64bit)		
	Monitor		24" LED Panel		
Operating	Operating Temperature		20 - 30 ℃ (68 – 86 ℉)		
Machine Dimension	W x D X H / Weight		900 x 1070 x 1545mm (35 x 42 x 61 inch) / About 450kg (992 lbs)		1100 x 1220 x 1545mm (43 x 48 x 61 inch) / 500kg (1102 lbs)
Options			Barcode Reader (1D & 2D) / Touch Panel / UPS(uninterrupted power supply)		

* Specifications subject to change without notice.



Conformal Coating Inspection System

Conformal Coating Inspection



Convenient UI and Easy Programming

Auto Teaching, Auto Debugging

Inspection Result info share and Auto Sync

- Use as a tool to Improve quality management
- Recognize Golden Board
- Automatically save standard value in each location
- Automatically detect NG defect by inspecting actual board