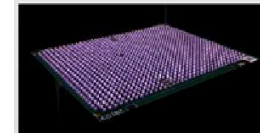
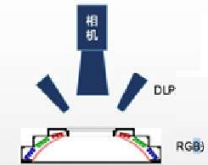
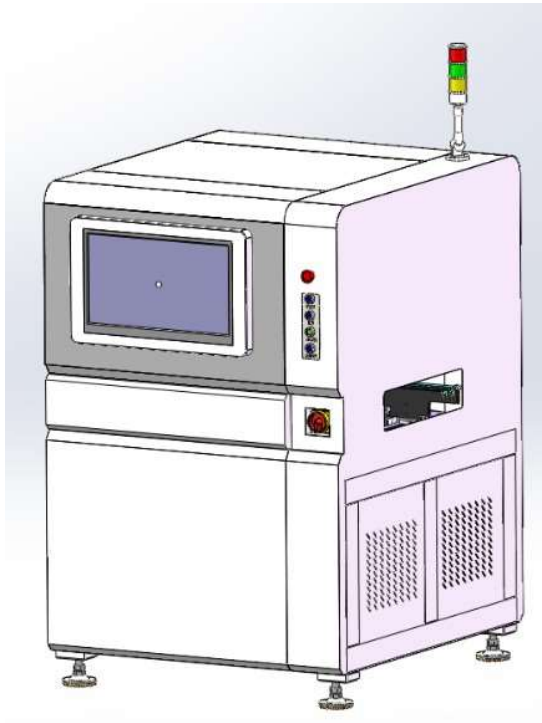




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Online GODZILA 3D Automatic Optical Inspection system (3D Design Outlook)

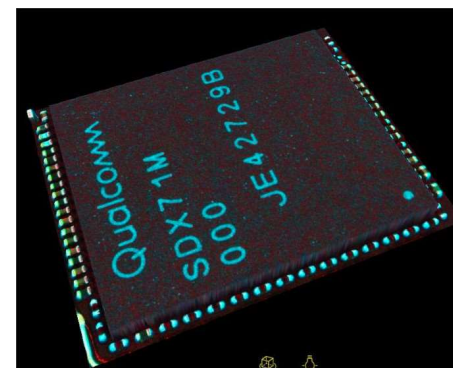
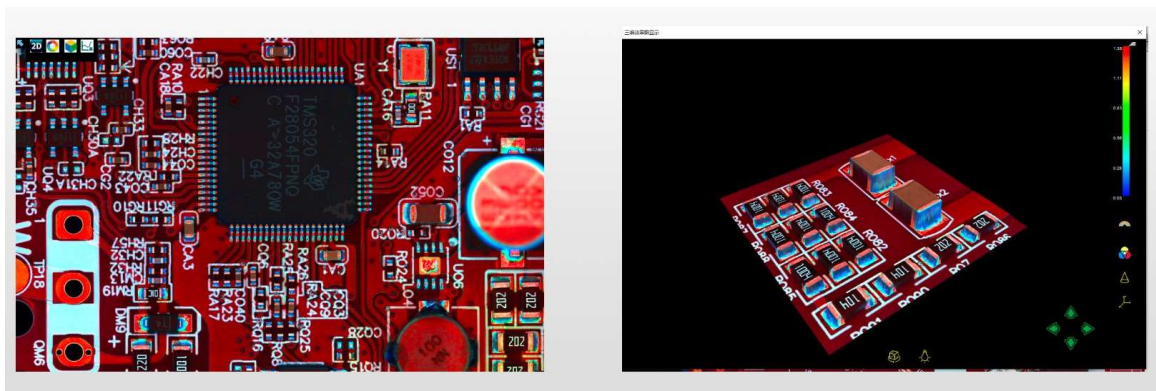




Equipment Feature : (Model: GH-12M-3DAOI) with different colour of 3D pictures

- Precise fast detection speed
- Intelligent HD Digital CCD camera, the image quality is stable and reliable
- Easy, Flexible , Quick Programming and Debugging
- CAD data import automatic search component libraries
- Automatic positioning system, greatly improving programming speed
- Multifunction SPC statistical systems

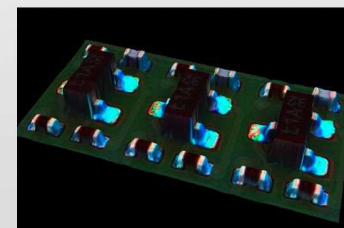
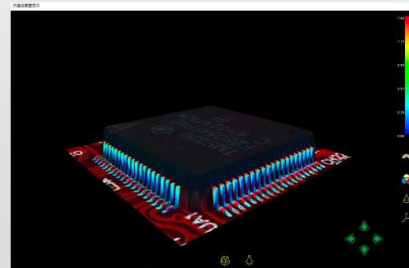
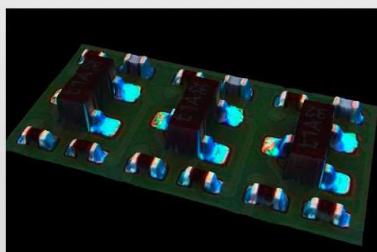
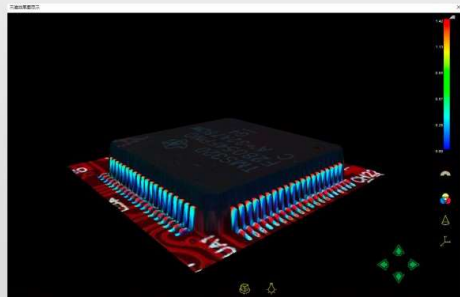
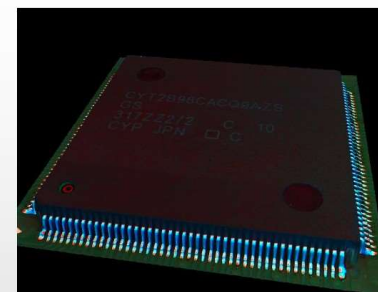
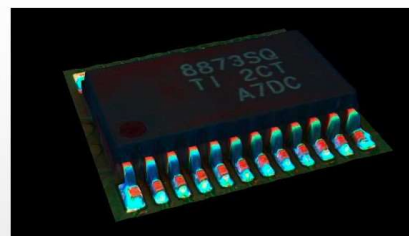
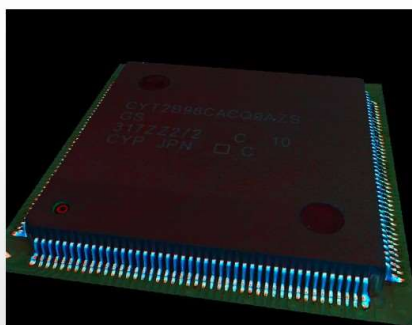
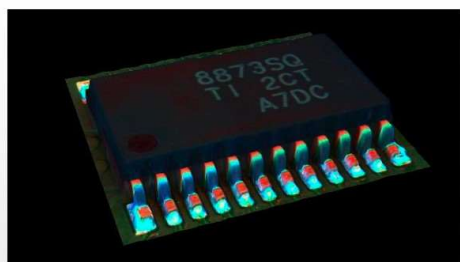
SAMPLE 3D picture A





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SAMPLE 3D picture B



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AOI Specification :

Specification		Single GH12M-3DAOI
Function	Inspect Points	Missing or offset or skew or tombstone components, reverse, wrong parts, empty solder and multiple parts
Performance	Camera	12M pixel HD Color Camera
	Inspect Method	Phase Shift Technology
	Projectors	Four Projectors
	3D Light Source	Four DLP light source + RGB multi-layer – LED Ring Lighting Source
	Inspect Speed	1.8 FOV/sec
	Optical Resolution	10Micron (Option) / 12 Micron
	Detection capability	10% at 6σ ($\pm$ 50% tolerance)
	Max. PCB Warpage	$\pm$ 2mm
	Maximum Detection Accuracy	20mm/40mm
	Smallest Components	CHIP 0201, CHIP 01005
	Motion Mechanism	LM Guide & Ball screw



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Platform	Analysis Accuracy	1μm	
	Moving speed	800mm/sec	
	PCB Size	50 x 50mm to 500 x 550 mm	
PCB & Transfer System	PCB Thickness	0.5mm~6mm	
	PCB Weight	5kg	
	Height Range	0-4mm	
	Rail height	900±40mm	
	Interface	SMEMA/ Standard	
	PCB Clearance	Top: 50mm Bottom 55mm	
Dimension & Weight	Machine Dimension	1200 x 1300 x 1650 mm	
	Weight	900KG	
Power & Air	Power	220V Single · 50~60Hz · 2kVA	
	Compress Air	0.5MPa 5l/Min.	
Software	Operating System	Windows 10 64Bit	
Other	Optional Feature	Offline Programming, Central Control Barcode Reader(1D&2D) 、	

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