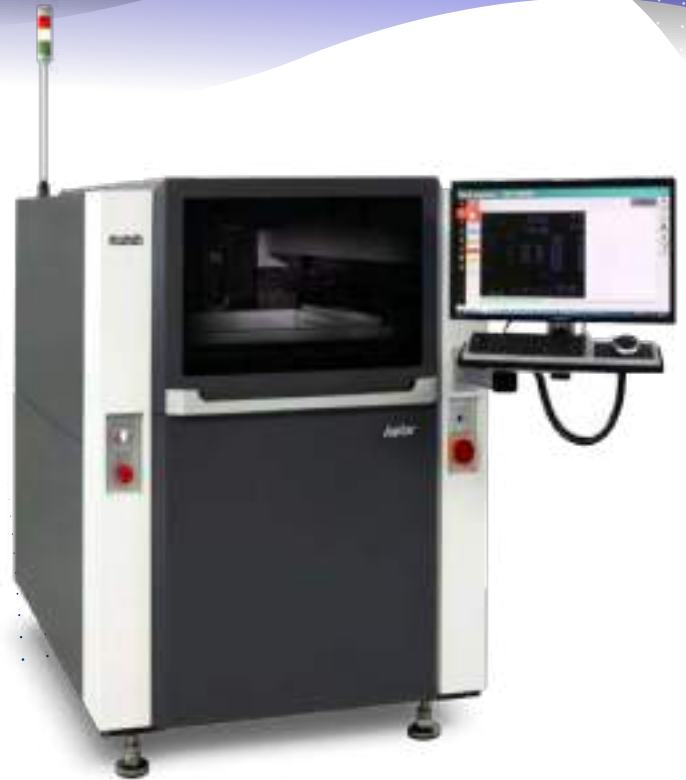


Precise inspection of defects including lack of solder, misregistration, misalignment, and openings.



METAL STENCIL MASK INSPECTION SYSTEM

- ACCURATE INSPECTION ✓
- DATA MANAGEMENT & EDITING ✓
- HISTORY MANAGEMENT ✓



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SPECIFICATIONS

INSPECTION ITEMS	ITEM	SMT (MODEL: JUPITER)	SEMICONDUCTOR (MODEL: SATURN)
	Size of the Mask Hole	X, Y size of the Mask Hole	X, Y size of the Mask Hole
Off-Set	Inspect the Gerber Data base off-set	Inspect the Gerber Data base off-set	
Particle	Inside the Gerber Area (40 μ m x 40 μ m)	Inside the Gerber Area (20 μ m x 20 μ m)	
Tension Gauge	Range: 0.4~2.9mm (8~50N/cm), Accuracy: 0.01mm (1N/cm)	Range: 0.4~2.9mm (8~50N/cm), Accuracy: 0.01mm (1N/cm)	
Pin Hole	Option	Min Size 15~20 μ m	
Min. component	0402mm Component	0201mm/ 01005mm Component	
MACHINE SPECIFICATION	Inspection Speed	2.0 Sec/ FOV	2.0 Sec/ FOV
	Camera	10 Mega Tele-centric Lens	16 Mega Tele-centric Lens
	Lens Resolution	5.5 μ m	2.2 μ m
	Moving Method	Linear Motor (Camera X axis, Mask Y axis), Servo Motor (Upper side X axis illumination)	Linear Motor (Camera X axis, Mask Y axis), Servo Motor (Upper side X axis illumination) Synchronization Control
	Area Inspect Accuracy	$\pm 4\%$ (@ Opening size 250 μ m)	$\pm 2\%$ (@ Opening size 150 μ m)
	Position Accuracy	10 μ m	3 μ m
	Linear Motor Accuracy	1 μ m (Linear Motor)	1 μ m (Linear Motor)
	Frame Size	420 x 420mm~736 x 736mm	420 x 420mm~650 x 550mm
	Inspection Size	500 x 500mm (660 x 500mm 옵션)	350 x 350mm
	Teaching Program	ePM	ePM