

SJ INNOTECH Mode Specification



ITEM	HP-520S	HP-680S	HP-850S	HP-1000S
Total System Alignment Accuracy and Repeatability	2.0Cpk@±12.5μm, 6-Sigma / ±0.0125mm			
Total System Alignment Accuracy and Repeatability	2.0Cpk@±25μm, 6-Sigma / ±0.025mm			
Cycle Time (203×145mm PCB)	Excluding Printing : 7sec *Real Time about 13sec	Excluding Printing : 10sec *Real Time about 16sec	Excluding Printing : 12sec *Real Time about 18sec	Excluding Printing : 20sec *Real Time about 28sec
Stencil Frame Size	STD : 600×550mm (L×W) 650×550, 736×736mm	STD : 650,736,800,860(L)mm ×550,736,800(W)mm	STD : 736,800,860,920,1000,1050(L)mm ×736,800,850(W)mm	STD : 920,1000,1100,1200(L)mm ×800,900(W)mm
PCB Size	50×50 ~ 520mm×420mm (L×W)	50×50 ~ 680mm×510mm (L×W)	70×70 ~ 850mm×510mm (L×W)	200×150 ~ 940mm×610mm (L×W)
Print Area	50×50 ~ 520mm×420mm (L×W)	50×50 ~ 680mm×510mm (L×W)	70×70 ~ 850mm×510mm (L×W)	200×150 ~ 940mm×610mm (L×W)
PCB Thickness	0.3mm ~ 6.5mm			
PCB Weight	2Kg	5Kg	8Kg	10Kg
PCB Warpage	0 ~ 4mm (Inc. Thickness)			
PCB Stopper	Camera moves by Program automatically and stop Board at correct position			
PCB Support	· Magnetic Support Pin or Block · Auto adjustment of height according to PCB "t" · Support Pin Height : 73.9mm · Vacuum Type Support(Option)			
PCB Clamping(Fixed)	· Top Link Clamping (0.8 ~ 6t) · Top Knife Edge Clamping (0.2 ~ 0.8t) · Vacuum Type(Option)			
PCB Under Clearance	30mm			
Board Side(Edge)Permissible Range	· Top Link Clamping : Limitlessness · Top Knife Edge Clamping : 3mm · Vacuum Type : Limitlessness			
Conveyor Width Adjustment	· Programmable (Automatic) · In/Work/Out 3 Stage Conveyor			
PCB Direction	Left ⇒ Right, Right ⇒ Left, Front Fixed (STD)			
Squeegee Type	· Metal (Stainless Alloy Steel) 0.2t, 0.3t, Etching Blade · User selective			
Squeegee Level Method	Self Balancing			
Squeegee Speed	1 ~ 150mm/s (Inc 0.01mm/s)			
Squeegee Pressure	Load-Cell Application 0.1 - 50Kg/f (Programmable)	Load-Cell Application 0.1 - 50Kg/f (Programmable)	Load-Cell Application 0.1 - 50Kg/f (Programmable)	Load-Cell Application 0.1 - 50Kg/f (Programmable)
Snap-off	· Distance : 0 - 5.0mm (Inc 0.01mm) · Speed : 1 - 150mm/sec (Inc 0.01mm/sec)			
Vision Camera	Interlaced Scan CCD, *F.O.V 11mm×8mm			
Vision Board	EURESYS LIBRARY Application			
2D Inspection	Paste On Pad - Detection of Insufficient Solder (Standard)			
Fiducials	Registered Figure Matching, Pattern Matching			
Fiducials Size	0.4 ~ 5mm			
Cleaning System	IPA + Paper + Vacuum Control을 Software Parameter에서 Programmable			
Dimension (mm)	1530(L) × 1635(W) × 1457(H)	1750(L) × 1735(W) × 1457(H)	1910(L) × 1750(W) × 1457(H)	1950(L) × 1945(W) × 1457(H)
Weight	1,360Kg	1,500Kg	1,650Kg	1,800Kg
Power	AC220V, 50/60HZ, 6.0Kw	AC220V, 50/60HZ, 6.0Kw	AC220V, 50/60HZ, 6.0Kw	AC220V, 50/60HZ, 6.0Kw
Pneumatic (AIR)	0.5MPa, 40NL/min			
OS Program	Industrial PC, Microsoft Windows / LCD Monitor 17"			
Host Communication	· SEMEMA Interface (STD) · TCP/IP (Option)			