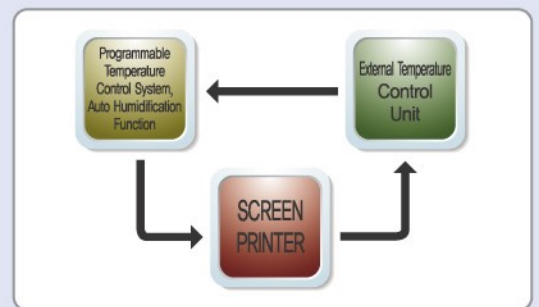


SJ INNOTECH Mode Specification



ITEM	HP-520SPI	HP-850SPI	SPI(3D)Part Specification (Commonness)
Total System Alignment Accuracy and Repeatability	2.0Cpk@±12.5μm, 6-Sigma / ±0.0125mm		<ol style="list-style-type: none"> 2D/3D Vision Algorithm <ul style="list-style-type: none"> · 2D : Vision Inspection Algorithm · 3D : PMP (Phase Measuring Profilometry) Algorithm Camera <ul style="list-style-type: none"> · IOI 4M180MCL 18μm (FOV : 36.8×36.8mm) – Standard <ul style="list-style-type: none"> · 15μm (FOV : 30×30mm) – Option Inspection Speed <ul style="list-style-type: none"> · 0.29sec/1(F.O.V) Solder Paste Height Range <ul style="list-style-type: none"> · 0 ~ 450μm Height Resolution <ul style="list-style-type: none"> · 0.4μm Height Repeatability (Standard) <ul style="list-style-type: none"> · ±0.5% (3σ)* Height Repeatability (Rear PCB) <ul style="list-style-type: none"> · ±2% (3σ)* Height Accuracy <ul style="list-style-type: none"> · 2μm* Max. PCB Warp <ul style="list-style-type: none"> · ±5mm Gage R&R <ul style="list-style-type: none"> · < 10%*(6σ)* 12. Dual Projection Application
Total System Alignment Accuracy and Repeatability	2.0Cpk@±25μm, 6-Sigma / ±0.025mm		
Cycle Time (203×145mm PCB)	Excluding Printing : 7 sec *Real Time about 13 sec	Excluding Printing : 12 sec *Real Time about 18 sec (Just Printing)	
Stencil Frame Size	기본 : 600×550mm (L×W) 650×550, 736×736mm	L : 736, 800, 860, 920, 1000, 1050mm W : 736, 800mm	
PCB Size	50×50 ~ 520mm×420mm (L×W)	70×70 ~ 850mm×450mm	
PCB Size	50×50 ~ 520mm×420mm (L×W)	70×70 ~ 850mm×450mm	
PCB Thickness	0.4mm ~ 6mm		
PCB Weight	2Kg	8Kg	
PCB Warpage	0 ~ 8mm (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 * · Support Pin Height : 73.9mm · Vacuum Type Support(Optional)		
PCB Clamping(Fixed)	· Top Link Clamping (0.8 ~ 6t) · Top Knife Edge Clamping (0.2 ~ 0.8t) · Vacuum Type(Optional)		
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 3Stage Conveyor		
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 (Software Programmable)	Load-Cell Application 0.1 ~ 50Kg/f (Software Programmable)	
PCB Separation	· 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		
Fiducials	Registered Figure Matching, Pattern Matching		
Fiducials Size	0.4 ~ 5mm		
Cleaning System	IPA + Paper + Vacuum Control in Software Parameter		
Dimension (mm)	2115(L) × 1625(W) × 1457(H)	2550(L) × 1915(W) × 1485(H)	
Weight	1,500Kg	2,700Kg	
Power	AC220V, 50/60HZ, 6.0Kw	AC220V, 50/60HZ, 8.0Kw	
Pneumatic(AIR)	0.5MPa, 40NL/min		
OS Program	Industrial PC, Microsoft Windows / LCD Monitor 17"		
Host Communication	· SEMEMA Interface (STD) · TCP/IP (Option)		

Programmable Temperature Control System



HTC-1380



Programmable
Temperature
Control System

