

## ***GKG GSE - Full Automatic SMT Stencil Printer Used/ New***

### **Description**

Automatic solder paste printer is a high-precision and high-stability automatic vision printer. GKG company follows the development trend of the SMT industry. The new generation of automatic vision printer is synchronized with international leading technology, high-resolution visual processing. , High-precision drive system, Suspending adaptive scraper, precise plate positioning processing and smart frame clamping structure, compact structure, both accuracy and high degree of flexibility, provide customers with efficient, accurate printing required Function, more customers provide a prominent price.



Item	Parameter
Repeat Position Accuracy	±0.01mm(Test data and method are available)
Printing Accuracy	±0.025mm(Test data and method are available)
Printing Speed / Cycle Time	<8s (Exclude Printing & Cleaning)
Products Changeover	<5Min
Screen Stencil Size/Min-Max	470mm X340mm-737x737mm
Screen Stencil Size/Thickness	20mm ~ 40mm
PCB Size/Min-Max/Thickness	80X50mm-400x340mm/0.4~15mm
PCB Warpage Ratio	<1% (Based on diagonal length)
Bottom of Board Size	15mm (Standard configuration) , 25mm
Edge of Board Size	3mm
Conveyor Height	900±40mm
Conveyor Direction	Left-Right; Right-Left; Left-Left; Right-Right

Conveyor Speed	100-1500mm/sec Programmable control	
Board Positioning	Support System	Magnetic pin/Side support block/Flexible automatic pin (optional)
	Clamping System	Elastic side clamping/Vacuum nozzle/Extension-type Z-direction table setting
Print head	Two independent Motorised print heads	
Squeegee Speed	6~300mm/sec	
Squeegee Pressure	0-10kg software control (closed-loop pressure feedback) , pressure value visible	
Squeegee Angle	60°(Standard )/55°/45°	
Squeegee Type	Steel squeegee (standard), rubber squeegee, and other types of squeegee shall be customized.	
Steel Mesh Separation Speed	0.1~20mm/sec Programmable Control	
Cleaning Method	Dry-type, wet-type, vacuum-type ( Programmable combination of Cleaning methods )	
Table Adjustment Range	X:±3mm; Y:±7mm $\theta$ :±2°	
Type of Fiducial Point	Standard geometry shape of fiducial point, bonding pad / Stencil hole	
Camera System	Single digital camera for upward/downward vision system	
Air Pressure	4~6Kg/cm <sup>2</sup>	
Air Consumption	Approx 0.07m <sup>3</sup> /min	
Control Method	PC Control	
Power Supply	AC:220±10%,50/60HZ 1Φ 1.5KW	
Machine Dimensions/Weight	Depends on exactly model	
Operation Temperature	-20°C ~ +45°C	
Operation Humidity	30%~60%	

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