

G5 - GKG Fully Automatic SMT Stencil Printer Used /New

Description

G5 is high accuracy and high stability of the fully automatic printing machine vision, GKG followed in SMT industry is the development trend of production of a new generation of fully automatic printing machine with the international leading technology synchronous vision, visual processing of high resolution high precision of the transmission system, suspension adaptive scraper.



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	737x737mm
Screen Stencil Size/Thickness	20mm ~ 40mm
PCB Size/Min-Max/Thickness	0X50mm-400x340mm/0.4~6mm
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

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		(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 θ :±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 ²
Air Consumption		Approx 0.07m ³ /min
Control Method		PC Control
Power Supply		AC:220±10%,50/60HZ 1 Φ 1.5KW
Machine Dimensions/Weight		Depends on exactly model
Operation Temperature		-20°C ~ +45°C
Operation Humidity		30%~60%