SP002 Printer-M / -ML

Version 2.01, February 20, 2008

Configuration

		SP002-M	SP002-ML
Machine type	Manually	●	●
PCB Handling	Manual PCB alignment	●	●
Control and software			
Alignment systems	Manually	●	●

● standard feature ○ optional feature

Specifications

		SP002-M	SP002-ML
Printing	Squeegee type	Metal or rubber	Metal or rubber
	guiding squeegee length	130, 220, 300,mm	130, 220, 300, 400 mm
	manual squeegee length	100, 150, 200, 250mm	100, 150, 200, 250mm
	Print pressure (adjustable)	Force: 10-50 N	Force: 10-50 N
	Printing speed		
	Separation speed		
	Print gap size/snap off		
	Print modus	print/print	print/print
	No. of printing programs		
	Print cycle counter		
PCB handling	PCB size max. (LxWxH)	320x307x 29mm (12.6" x 12.1" x 1.1")	405x455x 29mm (15.9"x17.9" 1.1")
	PCB size min. (LxWxH)	000x006x 01mm (00" x 0.2" x 0.04")	000x006x 01mm (00" x 0.2" x 0.04")
	Max. print frame size	320x490mm (12.6" x 19.3")	585x585 mm (23" x 23")
	Print table size	340x420 mm (13.4" x 16.5")	510x510 mm (20" x 20")
	Max. printing area guiding squeegee manual squeegee	280 x 285 mm (11" x 11.2") 300 x 320 mm (11.8" x 12.6")	380x 375 mm (15" x 14.8") 400 x 410 mm (15.7" x 16.1")
	Substrate height max.	24 mm (0.9")	24mm (0.9")
	Included accessories	2 support bars, length 400 mm 4 vacuum fixation pins 5 support pins 2 centring pins diameter 3 mm	
	Width adjustment	manual	manual
Alignment and Accuracy	XY alignment range	+/- 6mm	+/- 6mm
	Theta	+/- 2,5°	+/- 2,5°
	Accuracy	+/- 20 µm	+/- 20 µm
Control	Operation system		
	Product file storage		
Stencil frame	Max. print frame size		
Machine dimensions	Length x width x height	470x 690x 260 mm (18.5" x 27.2" x 10.2")	680x 800x 350 mm (26.8" x 31.5" x 13.8")
	Machine weight manual squeegee guiding squeegee	25 kg 30kg	33 Kg 39kg
Supplies	Electrical		
	Power consumption		
	Compressed air	0.60-0.8 MPa / 6-8 bar, oil-free, filtered 2µm	
	Air consumption (only for the option "lift system")	0.2 l/min	0.2 l/min
Packing information	Box (LxWxH)	820x580x490mm (32.3" x 22.8" x 19.3")	970x790x550 mm (38.2" x 31.1" x 21.7")
	Weight gross	40 kg	54 kg

Important:
Please look at the extern graphic-file for the exact dimensioning of the PCB, Printing area and frame size.

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