

SMartPrint SP-2323

**Affordable, Reliable and Flexible
Semi-Automatic Screen Printer**



SMartPrint SP-2323 is an entry-level unit developed for customers requiring a flexible, semi-automatic with cost effective and high yield capability. Full microprocessor control and digital pressure setting ensure consistent print quality.



SMartop Technology Limited

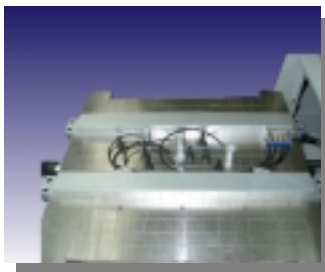
SP-2323 Features

The SP-2323 semi-automatic screen printer designed for fine pitch printing up to 0.5mm (20 mils). Registration and print quality are held constant by the system's Superior Mechanical Design. X, Y and θ micrometer adjustments are firmly secured by manual settings.



Self-leveling Print Head

The Squeegees on SP-2323 is Independent Self-leveling, Free Floating printing assembly that is offered in Dual Tilt configuration. It can be fitted with either metal or polyurethane blades.



Precise Print Pressure & Speed Control

Printing Pressure is controlled by a digital pressure sensor for both front and rear squeegee blade. Pre-set printing speed optimizes print quality and throughput.

Flexible Board Handling

Print Circuit Boards are firmly supported using combination of underside vacuum and supporting pins. This simple-to-adjust vacuum nest with moveable magnetic support pins makes the changeover fast and easy.

SP-2323 Specifications

Board Handling	Frame Size	584mm x 584mm (23" x 23")
	Board Size	50mm x 50mm (2" x 2") to 457mm x 330mm (18.0" x 13.0")
	Board Thickness	0.8mm x 2.0mm (0.030" to 0.079")
	Underside Component Clearance	12.7mm (0.50")
	Board Holding Method	Board Registration Pins, Underside Vacuum and Adjustable Magnetic Supporting Pins
Print Parameters	Squeegee Pressure	0 to 6.28Kg (0 to 13.8 lb), Digital Display with 0.1 lb Step Increment
	Snap Off	0.2mm (0.008") per second
	Printing Speed	31, 33, 36 or 40mm (1.2, 1.3, 1.4 or 1.57") per second Selectable
Squeegee Head	Type of Head	Dual Squeegee Blades, Free Floating
	Type of Squeegee	Metal or Polyurethane
	Max. Blades Length	18" (457mm)
Service	Power	220V 50-60Hz
	Air	6 - 8 Bar, Clean Dry
Dimensions	Width x Depth x Height	1380mm x 880mm x 1190mm (54" x 35" x 47")
	Weight	350Kg (770 lb)



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