STENCIL PRINTING

INTEON SP1000

Semi-automatic solder paste printer for long boards up to 1150 mm

PCB size up to 250 × 1150 mm | Printing speed 0-8000 mm/min | Repeatability ±0.01 mm | Touch screen control | Single and double-sided printing



OVERVIEW

The **INTEON SP1000** is a semi-automatic solder paste printer for prototypes and small to medium series, with a 300 × 1250 mm platform for boards up to 250 × 1150 mm.

A precision guide rail and motor drive move the squeegee seat for accurate printing. The squeegee holder swings up 45°, so the stencil and squeegee are easy to clean and replace.

The fixed-groove platen with pins suits single and double-sided printing; the movable stencil frame gives fine X, Y and Z adjustment against the PCB.

KEY FEATURES

Precision drive
precision guide rail and motor drive for the squeegee seat, high printing accuracy

Squeegee position
front and rear stops adjustable to set the right printing position

Fine adjustment
movable stencil frame, X, Y, Z fine adjustment; PCB fine tuning front / side ±10 mm

Squeegees
adjustable blade angle; steel or rubber squeegee

45° squeegee holder
swings up for easy stencil and squeegee cleaning and replacement

Platen with pins
fixed-groove printing platen and pins, easy set-up for single and double-sided boards

Printing modes
one-way or two-way printing

Touch screen
printing speed display and setting, automatic counter for output statistics, screen saver

TECHNICAL SPECIFICATIONS

Model	SP1000
PCB Size	250 × 1150 mm
Platform Size	300 × 1250 mm
PCB Thickness	0.2-2.0 mm
Printing Speed	0-8000 mm/min
PCB Fine Tuning Range	front / side ±10 mm
Repeatability	±0.01 mm
Printing Accuracy	±0.02 mm
Positioning Mode	outside edge / reference hole
Platform Height	850 ± 20 mm
Power Supply	1-phase AC 220 V, 50/60 Hz
Dimensions	2000 × 720 × 1650 mm
Weight	approx. 380 kg

Configuration, demo and quotation

InterElectronic supplies INTEON equipment in Hungary and Central Europe: application advice, installation, training and service.

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Specifications according to INTEON. Subject to change without notice.