



With two lanes, the SPV-DC features high precise SMD-printing, PCB-transfer, recognition and stencil-cleaning for high volumes without changeover time.

SPV-DC

The Stencil Printer SPV-DC enables high efficiency dual lane production in a compact design. The printer is designed for high speed production without changeovers. To reduce running costs the SPV-DC is equipped with the award-winning paperless cleaning function. Solder paste can refill automatically. Solder mask and the final printing result can be verified with an internal inspection. With the machine-to-machine-communication option the SPV-DC is using correction data to correct positional printing errors. The high-speed printer SPV-DC can print on board sizes from 50 x 50mm to 350 x 300mm. With the dual lanes the printer provides a cycle time of 13s, including transfer, positioning, recognition, high-precision printing and respective cleaning. Due to the non-stop changeover, the SPV-DC allows you to prepare the next production while running the printing process.

Key Features

High efficiency dual lane production without changeovers

Paperless cleaning function

Automatic refill of solder paste

Internal inspection for solder mask and final printing

SPV-DC

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<https://eu.connect.panasonic.com/pl/en/smart-factory/spv-dc>

Model Number	NM-EJP9A
PCB dimensions (mm)	L 50 x W 50 to L 350 x W 300
PCB exchange	13.0 s(6.5 s/PCB) Including transfer, positioning, recognition, each-time cleaning. Printing & cleaning conditions:Our recommended conditions (PCB dimensions L 250 x W 165)
Repeatability	2 Cpk $\pm 5.0 \mu\text{m}$ 6 σ The repeatability of same PCB Equal to $\pm 5.0 \mu\text{m} \pm 3 \sigma$ (or $\pm 2.5 \mu\text{m} \pm 1.5 \sigma$)
Screen frame dimensions	L 736 x W 736, L 650 x W 550, L 550 x W 650, L 750 x W 750, L 584 x W 584
Electric Source	1-phase AC 200, 220, 230, 240 V $\pm 10\text{V}$ Max. 4.0 kVA
Pneumatic Source	0.5 MPa, 560 L / min (A.N.R.)
Dimension	W 1 650 x D 2 446 x H 1 500 (maximum protusion D 2 528)
Mass	2 650 kg