



**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/lu/en/smart-factory/spv-dc>

<b>Model Number</b>	NM-EJP9A
<b>PCB dimensions (mm)</b>	L 50 x W 50 to L 350 x W 300
<b>PCB exchange</b>	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)
<b>Repeatability</b>	2 Cpk $\pm 5.0 \mu\text{m}$ 6 $\sigma$ The repeatability of same PCB Equal to $\pm 5.0 \mu\text{m} \pm 3 \sigma$ (or $\pm 2.5 \mu\text{m} \pm 1.5 \sigma$ )
<b>Screen frame dimensions</b>	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
<b>Electric Source</b>	1-phase AC 200, 220, 230, 240 V $\pm 10\text{V}$ Max. 4.0 kVA
<b>Pneumatic Source</b>	0.5 MPa, 560 L / min (A.N.R.)
<b>Dimension</b>	W 1 650 x D 2 446 x H 1 500 (maximum protusion D 2 528)
<b>Mass</b>	2 650 kg