



The high-speed printer SPV features an average print cycle time of just 10s for precise SMD-printing, PCB-transfer, recognition and stencil-cleaning.

SPV

The SPV Stencil Printer offers a variety of options to suit different PCBs and production processes for consistent high quality. With its high 10s/PCB cycle time, the SPV eliminates bottlenecks and ensures quality by self-cleaning after every PCB. Three conveyors and the PCB identification function provide different automatic printing set ups for a high throughput. With the machine-to-machine-communication option the SPV Screen Printer is using APC correction data to correct positional printing errors. The SPV Stencil Printer can print multiple 350x300mm (M-size) boards simultaneously. This lowers WIP inventory and reduces changeover times by processing up to 4 unique products at once. The configuration minimizes capital expenditure by reducing printer investment by 50% and maximize the floor space utilization with new hybrid board handling concept and the multi-stage board handling conveyors.

Key Features

10s/PCB cycle time

Processing up to 4 unique products at once

Self-cleaning after every PCB

Multi-stage board handling conveyors



SPV

https://ap.connect.panasonic.com/id/en/spv

Model Number		
SPY (Dual Spec) NM-EIP7A (Main machine) NM-EIP8A (Make side machine) 10.0 s Including transfer; positioning, recognition, each-time cleaning. Printing & Cleaning conditions : Our recommended conditions (PCB dimensions L 250 x W 165) Except 1 to 2 Spec 2 Cpk ± 5.0 µm 6 of the repeatability of same PCB	Model Number	SPV (Single Spec): NM-EJP7A
SPV (Dual Spec) NME-BP7A (Main machine) NME-BP7A (Main machine) NME-BP7A (Main machine) NME-BP7A (Main machine) NME-BP8A (Back side machine) NME-BP8A (Back side machine) 10.0 s Including transfer positioning, recognition, each-time cleaning. Printing & Geaning conditions: 1 Our recommended conditions (PCB dimensions L 250 x W 165) ** Except 1 to 2 Spec Equal to ± 5.0 µm ± 3 \(\tau \) (or ± 2.5 µm ± 1.5 \(\tau \) Secreen frame dimensions L 736 x W 738, L 650 x W 550, L 550 x W 650, L 750 x W 750, L 584 x W 584 Pre-process Not Pre-process Not Pre-process Not Pre-process Not Pre-process Not Pre-process Installed Pre-process Installed Pre-process Installed Pre-process Installed Pre-process Installed Pre-process Not Pre-process Installed Pre-process Not Pre-process Installed Pre-process Not Pre-process Installed Pre-process Installed Pre-process Installed Pre-process Installed Pre-process Not Pre-process Installed Pre-process Not Pre-process Not Pre-process Installed Pre-process Not Pre-process Installed Pre-process Installed Pre-process Installed Pre-process Not Pre-process Not Pre-process Installed Pre-process Not Pre-process Installed Pre-process Installed Pre-process Not Pre-process Installed Pre-process Not Pre-process Not		SPV (1 to 2 Spec): NM-EJP7A
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NM-EPPA (Notin machine)		
NM-E P8A (Back side machine)		SPV (Dual Spec)
PCB dimensions (mm)		NM-EJP7A (Main machine)
PCB exchange		
Printing & cleaning conditions : Our recommended conditions (PCB dimensions L 250 x W 165) ** Except 1 to 2 Spec		
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165 Except 1 to 2 Spec		Printing & cleaning conditions : Our recommended conditions (PCB dimensions L 250 x W
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SPV (Dual Spec):		
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		CDV/(Duyl Count)
560 L/min (A.N.R.)		
		Sou L/min (A.N.R.)

Dimension	SPV (Single Spec):
	SPV (1 to 2 Spec):
	SPV (2 in 1 Spec):
	W1 650 x D 1 517 x H 1 500
	SPV (Dual Spec):
	W1 650 x D 3 044 x H 1 500
Mass	SPV (Single Spec):
	SPV (1 to 2 Spec):
	SPV (2 in 1 Spec):
	1 550 kg
	SPV (Dual Spec):
	1 550 kg (Main) + 1 450 kg (Back side)