



Production modular for high-speed, high-precision placement

NPM-D3A

Production Modular for High-Speed, High-Precision Mounting By adopting the lightweight 16 nozzle head V3A, multi-recognition camera and high-rigidity frame, this model simultaneously achieves improved area productivity and high-precision placement. The machine configuration is 2-head, the components supply section can be combined with 17-slot cart and tray feeder. It also supports a variety of automation and labor-saving functions, including the Auto Setting Feeder (ASF), which automates parts supply work, to flexibly meet the demands of each mounting site.

Key Features

Dual placement method for fully independent placement

Improved basic performance to realize high-speed, high-precision placement

5M* process control "APC-5M" for good production and stable operation * 5M: The variable elements of a production site: huMan, Machine, Material, Method, and Measurement

Various skill-less and manpower-saving features including Auto Setting Feeder

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<https://latam.connect.panasonic.com/mx/en/products/smart-factory-solutions/npm-d3a>

PCB dimensions (mm)	Dual lane mode:L 50 mm × W50 mm ~ L 510 mm × W 300 mm Single lane mode:L 50 mm × W50 mm ~ L 510 mm × W 590 mm
Placement Head	16 / 8 / 2
Placement Head max Speed	46 000 cph (0.078 s / chip) 38 000 cph (0.095 s / chip)
Placement Head Placement Accuracy (Cpk≥1)	±37µm / chip ±30µm/ chip
Component dimensions	0402chip ~ L 100 × W 90 × T 28
PCB Transfer Lane	Single/Dual
Component Supply	Taping/Stick/Tray
Maximum number of components supply (Tape Width: 4 mm, 8 mm calculation)	68
Footnote Description	*The above specifications are standard specifications. Please contact us for details, as the product may differ depending on usage conditions, etc.