Panasonic CONNECT



Compatible with a wide range of components and PCBs to enable a flexible production line

NPM-GW

Modular mounter with wide range of components/PCBs compatibility The basic performance of this modular mounter has been improved by renewing the core units, such as the placement head and recognition camera. It now supports a wide range of components and various components supply configurations, and can also handle larger PCBs. It also supports various automation and manpower-saving functions, including the Auto Setting Feeder (ASF), which automates the components supply operation, to flexibly meet the requirements of each mounting site.

Key Features

Support large components and large PCBs to meet the increasing demand for Electric Vehicles (EV) and DX

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-gw

PCB dimensions (mm)	Single conveyor Batch mounting : L 50 mm × W 50 mm ~ L 760 mm × W 687 mm 2 position mounting : L 50 mm × W 50 mm ~ L 360 mm × W 687 mm Dual conveyor PC size PCB width 300 mm Dual transfer (Batch) : L 50 mm × W 50 mm ~ L 760 mm × W 300 mm Dual transfer (2 position) : L 50 mm × W50 mm ~ L 360 mm × W 300 mm Dual conveyor M size PCB width 260 mm Dual transfer (Batch) : L 50 mm × W 50 mm to L 760 mm × W 260 mm Dual transfer (2 position) : L 50 mm × W 50 mm to L 360 mm × W 260 mm Single transfer (Batch) : L 50 mm × W 50 mm to L 760 mm × W 510 mm Single transfer (2 position) : L 50 mm × W 50 mm to L 360 mm × W 510 mm * Slide Mounting : 1,050 mm/1,260 mm
Placement Head	16 / 8 / 3
Placement Head max Speed	52 000 cph (0.069 s / chip)
Placement Head Placement Accuracy (Cpk≧1)	±25μm / chip
Component dimensions	0201chip ~ L 120 × W 90 × T 40 / T 45 or L 150 × W 25 × T 40 / T 45
PCB Transfer Lane	Single/Dual
Component Supply	Taping/Stick/Tray
Maximum number of components supply (Tape Width: 4 mm, 8 mm calculation)	136
Number of heads	2
Footnote Description	*The above specifications are standard specifications. Please contact us for details, as the product may differ depending on usage conditions, etc.