



NM-EJM4D SMT Placement Machine Panasonic AM100 For Placement Speed 200 Cph

Our Product Introduction

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Basic Information

- Place of Origin: Japan
- Brand Name: Panasonic
- Model Number: NM-EJM4D
- Minimum Order Quantity: 1 PCS
- Price: USD+negotiable+pcs
- Packaging Details: 2000*2100*1600mm
- Delivery Time: 1-7 days
- Payment Terms: T/T
- Supply Ability: 1+pcs+per days

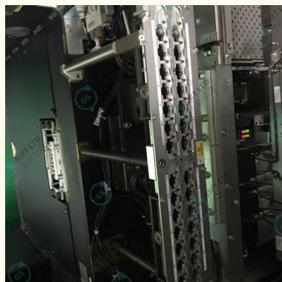


Product Specification

- Model ID: AM100
- Model No: NM-EJM4D
- PCB Dimensions (mm): L 50 x W 50 To L 510 x W 460
- Placement Speed: 35,800 Cph (0.1006 S/chip); 12,200 Cph (0.295 S/QFP 12 Mm Or Less)
- Placement Accuracy (Cpk1): $\pm 40 \mu\text{m}/\text{chip}$; $\pm 50 \mu\text{m}/\text{QFP 12 Mm Or Less}$; $\pm 30 \mu\text{m}/\text{QFP 12 Mm Over To 32 Mm Or Less}$
- Component Supply Taping: (Tape : 4 / 8 Mm Tape (small Reel)); Tape Feeder Specification : Max. 160; Tray Feeder Specification : Max. 120
- Component Supply Stick: Tape Feeder Specification : Max. 40; Tray Feeder Specification : Max. 30
- Component Supply Tray: Tray Feeder Specification: Max. 20 ; Manually Setting Tray Specification: Max. 20 (Option For The Fixed Feeder Base)
- Component Dimensions (mm): 0402 Chip [*3] To L 120 x W 90 Or L 150 x W 25 (T=28 [*4])
- PCB Exchange Time: 4.0 S (where There Is No Placement



More Images



Product Description

The PANASONIC AM100 is a high-performance SMT (Surface Mount Technology) pick-and-place machine designed for precision and efficiency in electronics manufacturing. Some of its key features include:

1. High Speed and Precision:

- The AM100 is known for its high-speed placement capabilities, typically capable of placing components at rates of up to 48,000 CPH (components per hour).
- It offers excellent placement accuracy with a typical placement accuracy of ± 0.03 mm, which ensures high-quality assembly.

2. Versatile Component Handling:

- It can handle a wide range of component sizes, from small chips (0201) to larger components, making it highly adaptable for various PCB designs.
- Supports a large variety of component types, including both passive and active components, and components with various shapes.

3. Flexible Feeder Configuration:

- The AM100 allows flexible feeder configurations, which help optimize the use of space and ensure a fast, efficient production process.
- It supports multiple types of feeders, including tape feeders, tray feeders, and others, for different component types.

4. Automatic Vision System:

- Equipped with an advanced vision system, the AM100 ensures precise component placement by checking each component's alignment and orientation in real time.
- The system can also compensate for placement errors, minimizing defects.

5. User-Friendly Interface:

- The machine offers an easy-to-use, intuitive interface, allowing for straightforward programming and operation, even for operators with minimal experience.
- It often comes with a graphical user interface (GUI) for easier setup and maintenance.

6. High Flexibility for Low to Medium Volume Production:

- It's ideal for small to medium-sized production runs, making it suitable for prototyping and small batch manufacturing.
- The AM100 is also known for its quick setup and changeover capabilities, reducing downtime when switching between different production batches.

7. Advanced Software:

- The machine is typically equipped with Panasonic's proprietary software that integrates with other production equipment, providing enhanced monitoring, process optimization, and real-time quality control.

8. Energy Efficiency:

- The AM100 is designed with energy-efficient components, helping reduce overall operational costs and environmental impact.

This machine is generally favored for its combination of high performance, adaptability, and ease of use, making it a solid choice for many electronics manufacturers.

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