

experts in productivity™

Panasonic Factory Solutions Company of America



High-speed head (12 nozzles)



CM602-L

Modular High-speed Multi-functional Placement Machine

- One platform solution for any kind of production
- APC-capable (Adaptive Process Control)—adapting placement of 01005s down to 1.6mil spacing
- Linear motor drive increases reliability and reduces maintenance
- Compatible with other CM-series equipment

CM602-L			
MODEL NO.	NM-EJM8A		
PCB DIMENSIONS	Min L x W to	50 mm x 50 mm	
	Max L x W	510 mm x 460 mm	
HEAD TYPE	HIGH-SPEED (12 Nozzles)	HIGH-FLEXIBILITY (8 Nozzles)	MULTI-FUNCTION (3 Nozzles)
	Maximum speed	0.036 s/chip (for Type A-2 head)	0.048 s/chip (for Type A-0 head)
Placement accuracy	±40 μm/chip (Cpk≥1)	±40 μm/chip, ±35 μm/QFP 24 mm to 32 mm ±50 μm/QFP <24 mm (Cpk≥1)	±35 μm/chip (Cpk≥1)
	COMPONENT DIMENSIONS (mm)	0402 (01005 ¹) chip ⁶ to L 12 x W 12	0603 (0201 ¹) chip to L 32 x W 32
PCB EXCHANGE TIME	0.9s (Board length up to 240 mm under optimum conditions)		
ELECTRIC SOURCE ¹	3-phase AC 200 V, 4.0 kVA		
PNEUMATIC SOURCE ²	0.49 MPa, 170 L/min (A.N.R.)		
DIMENSIONS ²	W	2,350 mm	
	D	2,290 mm ³	
	H	1,430 mm ⁴	
MASS ⁵	3,400 kg		

Values such as maximum speed and placement accuracy may vary depending on operating conditions. Please refer to the specification booklet for details.

¹: Compatible with 220/380/400/420/480 V
²: Only for main body
³: Dimension D including direct tray feeder: 2,565 mm
⁴: Excluding monitor and signal tower
⁵: Standard configuration: excluding batch exchange cart and tray feeders. This may differ depending on configuration.
⁶: The 0402 chip requires a specific nozzle/feeder

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