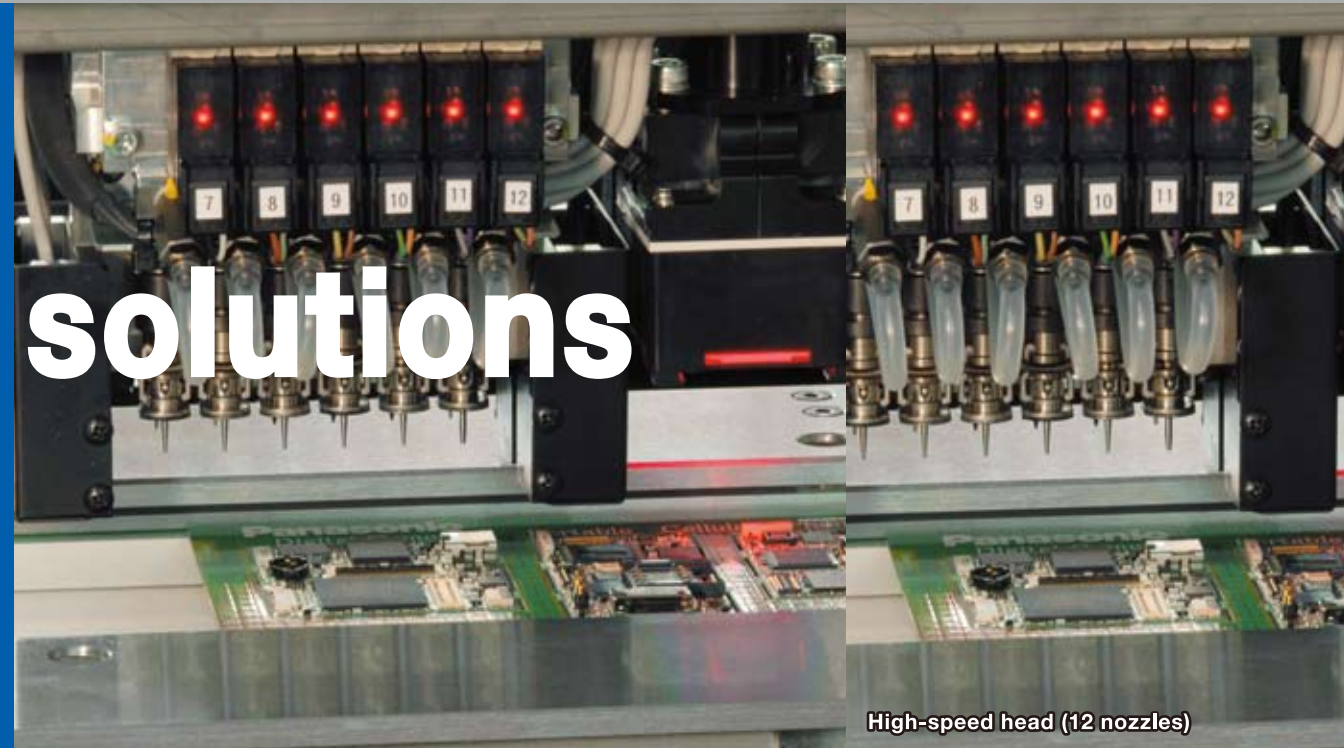




Our Solutions, Your Value

right-sized solutions

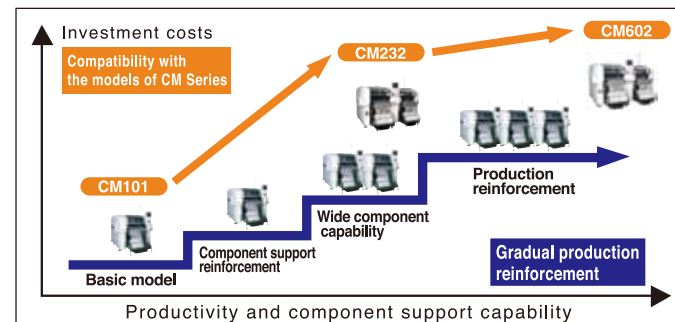


High-speed head (12 nozzles)



*Feeder cart (optional)

Incremental capacity
with continuous
evolution support



- Ultimate incremental capacity
 - Increase machines with production growth
 - Compatibility enforces continuity with the latest technical developments
 - Commonality assures light investment

● Modular Placement Machine

- Unites technologies of our industry-leading CM-series into a lean modular solution
- Flexible solution accommodates production variations with ease
- Minimal investment for quick ROI
- Compatible with other CM-series equipment

CE * It may not conform to Machinery Directive and EMC Directive in case of optional configuration and custom-made specification.

Model ID	CM101-d
Model No.	NM-EJM5B
PCB dimensions	L 50 mm × W 50 mm to L 460 mm × W 360 mm
● High-speed head	12 nozzles
Max. speed	0.144 s/chip (Type A-2)
Placement accuracy	± 40 μm/chip (Cpk ≥ 1)
Component dimensions	(01005") 0402 chip *1 to L 12 mm × W 12 mm × T 6.5 mm
● High-flexibility head	LS8 nozzles
Max. speed	0.19 s/chip (Type A-0)
Placement accuracy	± 50 μm/chip, ± 35 μm/QFP □24 mm to □50 mm, ± 50 μm/QFP < □24 mm (Cpk ≥ 1)
Component dimensions	(01005") 0402 *1 chip to L 100 mm × W 50 mm × T 15 mm *5
● Multi-functional head	3 nozzles
Max. speed	0.8 s/QFP (Type B-0)
Placement accuracy	± 35 μm/QFP (Cpk ≥ 1)
Component dimensions	(0201") 0603 chip to L 100 mm × W 90 mm × T 25 mm *6
PCB exchange time	about 4.0 s (When no components are placed on the back of the PCB)
Electric source	3-phase AC 200, 220, 380, 400, 420, 480 V 1.4 kVA
Pneumatic source *2	0.5 MPa, 150 L/min (A.N.R.)
Dimensions *2	W 1 530 mm × D 1 807 mm × H 1 430 mm *3
Mass *4	1 720 kg

*Values such as maximum speed and placement accuracy may vary depending on operating conditions.
 *3:Excluding monitor and signal tower
 *4:Only for main body. This may depend on option.
 *5:When T is more than 11.5mm, special nozzles are needed. Please consult us separately.
 *6:When T is more than 21mm, special nozzles are needed. Please consult us separately.
 *1:The 0402 chip requires a specific nozzle/feeder. Please contact us for details.

Model ID CM101-d Model No. NM-EJM5B

⚠ Safety Cautions

- Please read the User's Manual carefully to familiarize yourself with safe and effective usage procedures.
- To ensure safety when using this equipment all work should be performed according to that as stated in the supplied Operating Instructions. Read your operating instruction manual thoroughly.

eco ideas Panasonic Group products are built with the environment in mind. <http://panasonic.net/eco/>

ISO 14001 Panasonic Group builds Environmental Management System in the factories of the world and acquires the International Environmental Standard ISO 14001:2004.

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Latest CM-series evolution for scalable, modular manufacturing

Concept

- Unites technologies of our industry-leading CM-series into a lean modular solution
- Flexible solution accommodates production variations with ease
- Minimal investment for quick ROI
- Compatible with other CM-series equipment

High productivity
25 000 cph

Excellent compatibility

Supports up to
140 component types

Incremental Capacity

Flexible from high-speed
to multi-function pattern
support

Evolution after
installation



High-speed multi-functionality
with 1 beam and 1 head

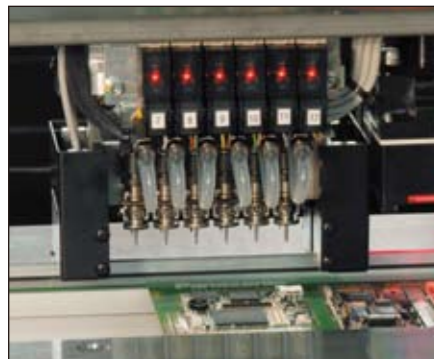
Enhanced productivity
of microchips

Includes latest functionality
for high quality placement

Includes latest component
support functionality

Multifunctional transfer unit
supporting PoP and C4

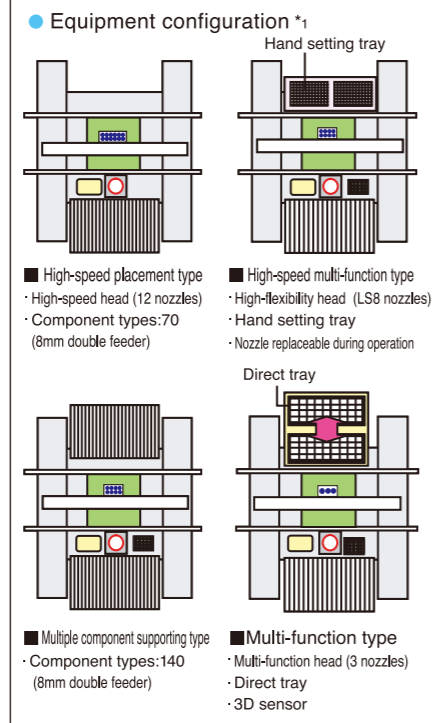
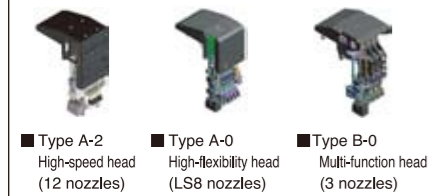
Excellent compatibility
with CM-series



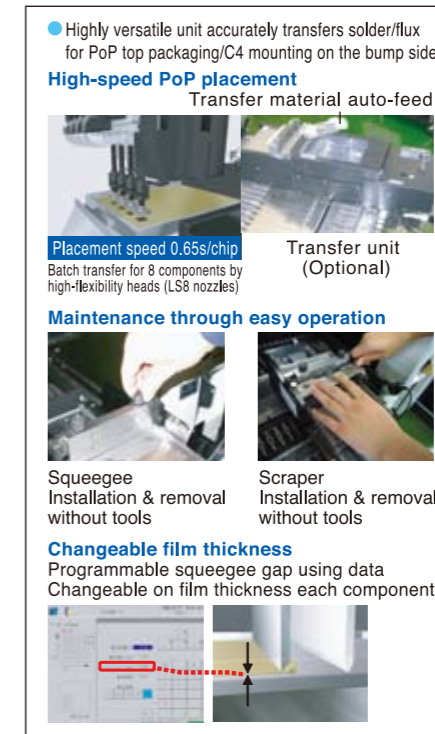
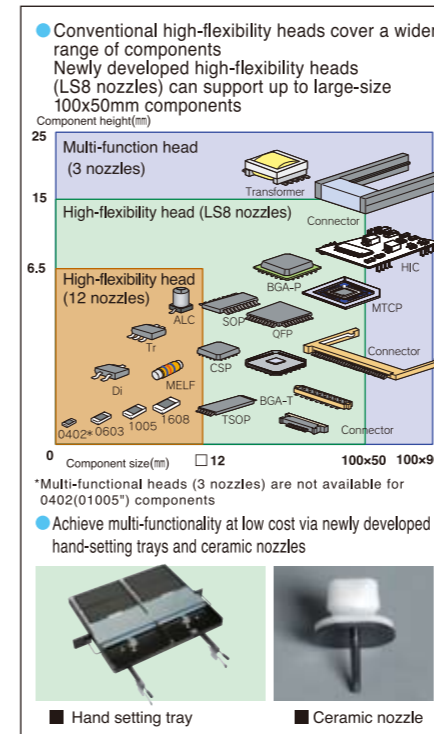
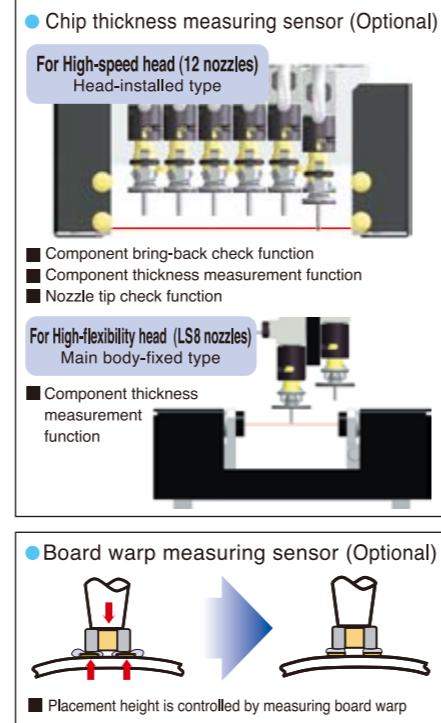
Placement speed (Type A-2)
0.144 s/chip 25 000 cph

Placement head type

A head can be selected from 3 types in accordance with a production pattern.



*1:Please contact us for configuration types.



	Transfer type	Max.dimension
8 nozzles	4 components x two-time batch transfer	□12mm
3 nozzles	3 components batch transfer	□15mm

*High-speed heads (12 nozzles) are not supported.

