



Laser Marking Machine



Model ID

LPS-C

Model No. NM-EJW9A



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

Model ID	LPS-C
PCB Dimensions	L 50 mm × W 50 mm ~ L 510 mm × W 460 mm
PCB Weight	Max. 3 kg
PCB Thickness	0.3 ~ 8 mm
PCB Exchange Time	Max. 4 s
Electric Source	Single Phase AC 200, 220, 230, 240 V ±10 V 1.4 kVA
Pneumatic Source	0.5 MPa, 28 L / min (A.N.R)
Dimensions*1	W 912 mm × D 1 772 mm × H 1 487 mm (When fume extractor is installed at the rear) W 1 422 mm × D 1 545 mm × H 1 487 mm (When fume extractor is installed at the side)
Mass	540 kg (Main Body), 31 kg (Fume Extractor)
Marking Specification	
Marking Field	55 mm × 55 mm
Character Width / Height	0.1 mm ~ 55 mm *2
Minimum Cell Size*3	Min. 0.1 mm × 0.1 mm
Marking Speed	Max. 3 000 mm / s
Character Type	English alphabets & numerals
Bar Code Types	CODE39, CODE128, ITF, NW-7, JAN (EAN)/UPC
2D codes Types	QR Code, Micro QR Code, iQR Code, Data Matrix, GS1 Data Matrix

*For details, refer to "Specification Manual"

*3 : Varies with PCB Conditions.

*1 : Excluding signal tower

*2 : Settings range that can be accepted. The allowable size dependent on PCB conditions.

Marking Examples

[English Characters / Numerals]

0123456789
 ABCDEFGHI JKLMNOPQRSTU
 abcdefghi jklmnopqrstuvwxy
 0123456789
 ABCDEFGHI JKLMNOPQRSTU
 abcdefghi jklmnopqrstuvwxy

[Barcode]



CODE128

[2D Code]

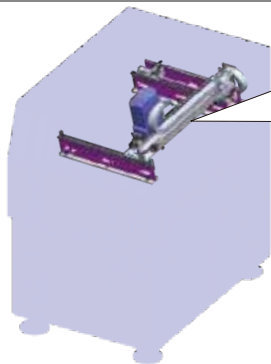


QR Code



Data Matrix

Basic Specification



Laser Specification

- Laser Type: Class 4 CO₂ laser
- Laser Power : 5W
- Laser Wavelength: 10.6 μm



1 High Quality

Capable of high precision marking with minimum cell size of 0.1mm × 0.1mm. Recognition of PCB mark, and automatically corrects X-Y coordinates before marking

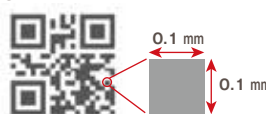
2 High Speed Marking

High marking speed of 0.3s/mark **

3 Power Saving

Equipped with 5 watts low power laser for lower Electricity consumption

● Minimum Cell Size



● Code size and volume information (reference example)

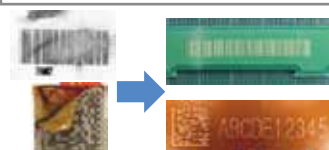


*1: Example of 2.2 mm square 2-dimensional code printing (depending on condition)

*2: Maximum number of alphanumeric characters

Improve Quality Control in Production.

Durable Marking



Eliminates wear and tear (smudges, peel-off) issues

Automated Serialization



To avoid issue of wrong or duplicated serial number

Reduce TCO * Total Cost of Ownership

The total cost of machine purchasing, maintenance and management

Material Cost Reduction



Eliminates high cost of material for ink and labels

Operator Cost Reduction



Eliminates manpower cost for operating of label printer and label pasting

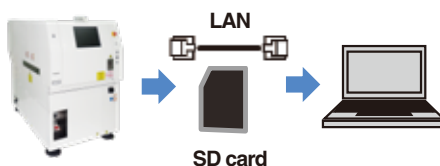
Options

Marking Code Verification



Marking results can be verified by handheld scanner or direct code scanner

Data Export



Marking data and verification information can be stored and exported via LAN and SD Card

Off Line Editor



Allows for offline editing of marking coordinates and marking conditions

Line solution

Total control of production line through the system that "interfaces" between Panasonic/non-Panasonic machines

PanaCIM-EE
Customer system



Function	Details
① Automatic changeover	① Registration of automatic changeover recipe
	② Automatic changeover
	③ Automatic changeover monitoring
	④ Operation monitoring
② Information output	① Operation information output
	② Trace information output
	③ Machine status output

⚠ 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.

Panasonic Group products are built with the environment in mind.

Please check the homepage for the details.
panasonic.com/global/corporate/sustainability

Inquiries...



Vision House,
Bandeath Ind. Estate,
Throsk, Stirling.
FK7 7NP, UK.

Tel: +44 (0) 1786 813999
Fax: +44 (0) 1786 813998
E-mail: sales@vtech-smt.co.uk
www.vtech-smt.co.uk

Panasonic Corporation
Process Automation Business Division

3-1-1 Inazu-cho, Toyonaka City, Osaka 561-0854, Japan
TEL +81-6-6866-8445
FAX +81-6-6862-0422

All data as of January 1, 2020

Ver. January 1, 2020

© Panasonic Corporation 2020