



**Fully automated printing process to ensure increased production time and production of non-defective items and, by means of that, to maximize Overall Equipment Effectiveness (O.E.E).**

## **NPM-GP/L**

The fully automated printing solution is part of the "Autonomous Factory" Concept - a factory that immediately responds to every situation and continues to evolve autonomously. Ensuring the production of non-defective items through the integrated control of autonomous uninterrupted mounting lines and floors independent of any human intervention and judgment.

### **Key Features**

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New operation panel

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Moveable Top / side clamber

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Attack angle variable squeegee

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Curved edge high filling pressure squeegee

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Process Control & traceability

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PCB pickup blower

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APC-5M Option

## NPM-GP/L

<https://latam.connect.panasonic.com/co/en/products/smart-factory-solutions/npm-gpl>

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|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Model Number</b>            | NM-EJP2B                                                                                                                                                                                  |
| <b>PCB dimensions (mm)</b>     | L 50 mm × W 50 mm to L 510 mm × W 510 mm                                                                                                                                                  |
| <b>PCB exchange</b>            | 12.0 s including transport , PCB positioning , PCB recognition , printing , each cleaning operation (When PCB = L 250 mm × W 150 mm)                                                      |
| <b>Repeatability</b>           | 2 Cpk ± 3.8 μm ± 3σ (Panasonic-specified condition)                                                                                                                                       |
| <b>Printing Accuracy</b>       | 2 Cpk ± 15.0 μm ± 6σ (Panasonic-specified condition) _x000D_*CeTaQ measuring machine used                                                                                                 |
| <b>Screen frame dimensions</b> | L 736 mm × 736 mm_x000D_L 750 mm × 750 mm_x000D_L 650 mm × 550 mm_x000D_L 600 mm × 550 mm_x000D_L 550 mm × 650 mm_x000D_L 584 mm × 584 mm_x000D_L 736 mm × 584 mm_x000D_L 584 mm × 736 mm |
| <b>Electric Source</b>         | Single-phase AC 200 V ± 10 V / AC 220 V ± 10 V / AC 230 V ± 10 V / AC 240 V ± 10 V (Taps can be changed), Max.3.3 kVA                                                                     |
| <b>Pneumatic Source</b>        | 0.5 Mpa, 30 L / min (A.N.R.) (motor vacuum specs), 400 L / min (A.N.R.) (ejector vacuum specs)                                                                                            |
| <b>Dimension</b>               | W 1 580 mm × D 1 800 mm × H 1 500 mm                                                                                                                                                      |
| <b>Mass</b>                    | 1 750 kg                                                                                                                                                                                  |