Panasonic CONNECT



Automation and line solutions help maximize O.E.E. with skill-less knowhow

NPM-GP/L

Screen printer with various automation functions, line solutions, and other features to maintain stable high quality printing Automation of model changeover and other operations during production, together with appropriately timed maintenance based on equipment condition monitoring, contributes to increased production time. In addition, various functions to realize high quality printing, stable printing by responding to 5M changes, and M2M (Machine to Machine) with solder inspection equipment reduce defect losses.

Key Features

High productivity through support for model changeover and various types of automation during production

Real-time monitoring of equipment status optimizes maintenance timing and expands production time

Various functions for high-quality printing and stable printing that responds to 5M* changes to reduce defect losses * 5M: The variable elements of a production site: huMan, Machine, Material, Method, and Measurement

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https://ap.connect.panasonic.com/id/en/npm-gpl

PCB dimensions (mm)	L 50 mm × W 50 mm ~ L 510 mm × W 510 mm[*1]
PCB exchange	12.0 s including transport , PCB positioning , PCB recognition , printing , each cleaning operation (When PCB = L 250 mm × W 150 mm)[*2]
Repeatability	2 Cpk ± 3.8 µm ± 3σ (Panasonic-specified condition)
Screen frame dimensions	L736 mm × 736 mm, L 750 mm × 750 mm, L 650 mm × 550 mm, L 600 mm × 550 mm L 550 mm × 650 mm, L 584 mm × 584 mm, L 736 mm × 584 mm, L 584 mm × 736 mm[*3]
Footnote Description	The contents above are standard specifications. Please contact us for details as it may differ depending on usage conditions. 1. When“Paper-free Wiping Unit ,” “Automatic support pin exchange”or “Attack variable angle squeegee”has been selected , the limit of the maximum PCB width changes. For details , refer to “Specification manual.” 2. The PCB replacement time differs depending on downstream and upstream machine types , PCB size, the use of PCB holders, etc. 3. Refer to the "Specifications" for mask specifications.