

VERTICAL STANDALONE HIGH SPEED FLEXIBLE MULTI HEAD SMT PICK & PLACE MACHINE

NEODEN N10P



- ➔ Support PCB within size (L)1500mm*(W)450mm.
- ➔ The automatic nozzle change function has been added to the system. Up to 39 nozzle positions to increase the speed and flexibility of integrated placement.
- ➔ IC camera improves the size of IC photos and realizes automatic calibration with automatic nozzle change.
- ➔ Automatic calibration of nozzle height.
- ➔ Increase the convenience of recycling material by adding a throw box.
- ➔ Increase in the number of feeders to 80 to increase the number of simultaneous feeding capacity.
- ➔ Increased measuring of suction nozzle air pressure to improve work stability and eliminate obstacles.
- ➔ Optimized software design to improve ease of use & stability.
- ➔ New appearance design to improve product professionalism and recognizability.

The Neoden 10P is a versatile and advanced PCB assembly machine designed to support large PCBs up to 1500mm x 450mm. It features an automatic nozzle change function with 39 positions, enhancing speed and flexibility. The integrated IC camera ensures precise automatic calibration, while the increased feeder capacity and optimized software design improve ease of use and stability. Additionally, the new design enhances the machine's professionalism and recognizability.

Specifications:

Number of Heads	8
Number of Tape Reel Feeders	80 pcs (33 front + 47 back)
Placement Area	450mm Max without IC tray (3*500mm) * 395mm Max with IC tray
Operation System	Patented SMT Mounting Operation System V1.5
XY Motion Method	SPM/IBG Magnetic linear encoder; right-left / left-right
XY Drive Motor Feedback Control	Panasonic A6/Nidec servo motor
Repeat Position Accuracy	±0.01mm
Maximum Mounting Speed	20000 CPH
Average Mounting Speed	18000 CPH
Applicable Components Size (Laser)	0201~22x22mm
Applicable Components Size (Vision)	0201~40x40mm
Compressed Air Supply Requirement	MIN 5kgf/cm ² (0.49Mpa) DRY & CLEAN AIR
Power Supply Voltage	AC110V/220V, 50HZ/60HZ
Net Weight	1000 KGS
Machine Dimensions	(L)1289mm x (W)1254mm x (H)1386mm
Package Dimensions	(L)1320mm x (W)1290mm x (H)1456mm

Sole Exclusive Distributor for Sales & Services of NeoDen Products in INDIA

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