WINNEL I



The NPM-W2 combines accurate component placement, precise SPI and AOI inspection and reproductive adhesive dispensing in one high-speed solution.

NPM-W2

Higher productivity and quality thanks to the integration of printing, placement and inspection processes make the NPM-W2 one of the most flexible and versatile pick-and-place solutions on the market. This machine provides the user with a tool that allows him to choose between high speed or high accuracy, depending on the PCB requirements. In addition, the NPM-W2 is optimised for larger boards and larger components, such as PCBs up to 750 x 550 mm and components up to 150 x 25 x 30 mm (L,W,H). For high productivity, dual lanes can be used. Features The multifunctional NPM-W2 is equipped with a 16-nozzle head and can place 42,000 components. 120 feeders can be mounted. Additionally, the NPM-W2 can automatically inspect solder depots and components according to the production data. As a third function, the NPM can be fitted with the conventional HDF discharge mechanism, which ensures high-quality non-contact dispensing with a screw valve-dispenser.

Key Features

Equipped with a 16-nozzle head and can place 42,000 components

Automatical inspection of solder depots and components according to the production data

HDF discharge mechanism compatible, which ensures highquality non-contact dispensing with a screw valve-dispenser







Inspection Items	Solder Inspection:
	Oozing, blur, misalignment, abnormal shape, bridging
	Component Inspection:
	Missing, shift, flipping, polarity, foreign object inspection
Inspection Position Accuracy	± 20 μm
No of Inspection	Solder Inspection :
	Max. 30 000 pcs./machine
	(No. of components :Max. 10 000 pcs./machine)
	Component Inspection:

Max. 10 000 pcs./machine