

VP-2500DP-NWE



PROFESSIONAL PICK AND PLACE MACHINE



Parts delivered

Full working machine including:

push feeder, pcb holder, vision system 3 cameras, USB video digitizer, USB to serial converter, small spare parts, 2 pcs spare stepper controller, machine calibration on DVD, manuals and software setup need to get downloaded from website, big IC tray.

Optional:

Nozzles, vibration feeder, CL feeder cassettes, Bottom camera upgrade to 30x30mm, strip feeder

Product parameter

Model	VP-2500DP-NWE
Mounting area	300x250mm
XY moving range	435x465mm
Z moving range	20mm
Number of heads	2
Resolution XY, Z, A	0.025mm, 0.025mm, 0.0125° placement pitch ≥ 0.5 mm
Motor type	Stepping Servo on Y and high torque stepper on X-axis
Positioning mechanics	Belt system
Machine guide lines	HIWIN linear guide lines
Positioning system	Closed loop stepping servo on Y axis
Placement speed with vision	2000 to 4500cph
Nozzle changer	6 slot
Nozzle type	Samsung CP45 NEO
Vision system	1 top and 2 bottom 640x480 CCD cameras using different optics
Alignment modes	area centering and vision model based assistance
Placement range	0402 to 24x24mm optional 30x30mm
Feeder types	Push feeder, vibration feeder, strip feeder, trays
Push Feeder count North	5x 16mm, 6x12mm, 12x 8mm customizable
Push feeder count	28x 8mm lines on West side and 28x 8mm lines East customizable
Vibration feeder	Optional 1x vibration feeder using each 7x SO-8 tubes width
JEDEC Tray	1x Jedec tray holder included
Machine dimensions	1065*875*400mm
Machine weight	80kg
Shipping weight	131kg
Shipping size	1110*1050*470mm
Power supply	AC 230V / 110V
Air supply	External oil and water free 110L/min at 6Bar Integrated 3 pressure regulator for push feeder, vacuum generator and CL feeder bank
Warranty	12 Months parts exchange including shipping fee excluding consumables like nozzles and belts. Customer need to exchange parts on machine.