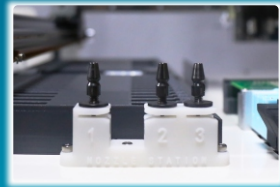




**Ultra Fast & Easy
Programming Touch
User Interface**



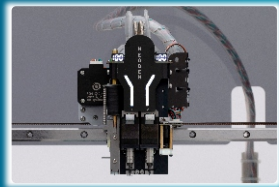
Auto Nozzle Changer



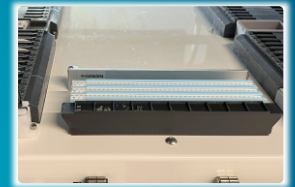
**High Speed HD
Camera**



**Reel Feeder
Magazines**



**Dual Head with
Vacuum Indication**



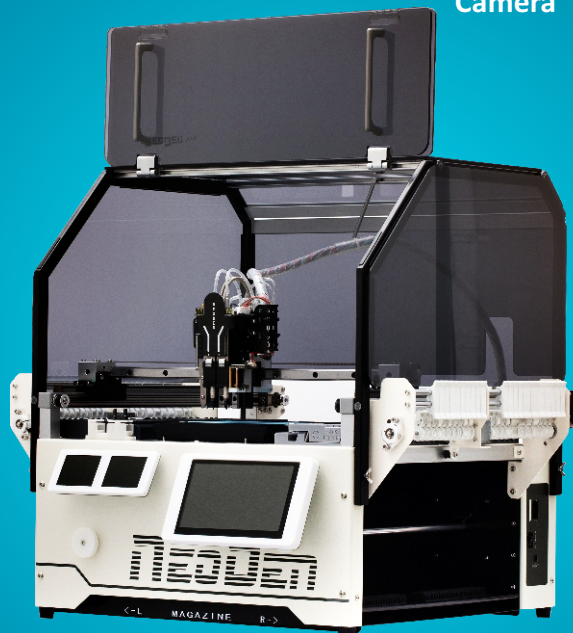
**Loose Component
Tray**



**Linear Needle
Module**



**Stick Vibrating
Feeder**



NEODEN YY1

Neoden YY1 is a Low Cost Desktop SMT Mounter with Two Nozzle and Three Auto nozzle changer Option, 103 Feeder Location, Dual camera Vision system, High Accuracy placement, Loose, Cut Tape component Pickup.

Machine is Having a very User Friendly GUI with which reduces the Learning curve of the software and the user can master it in few Hours. Neoden YY1 is very well suited for R&D institutions, Small scale Production Units, Hobbyists, who will be having various circuits to assemble with loose/cut tape /Strip components in hand. Considering the work ability factor on The machine its gives a very flexible nature of mounting the PCB for job, user can fix the PCB anywhere on the working bed, unlike similar machines which have dedicated Set Zero point.

Neoden YY1 is a Powerful Mounting machine with the use of Latest Cortex MCU Engine and the very new technology Drive Systems, Pneumatics, Component reel movement, Image Capture and Recognition.

Technical Specification		
Model Number	NeoDen YY1	
Machine Style	Single Gantry With 2 Heads	
Alignment	Vision & Vacuum	
Placement Rate	Vision On	3000CPH
	Vision Off	4000CPH
Feeder Capacity	Tape Feeder	52 (all 8mm)
	Stick Feeder	4
	Flexible Feeder	28
	Bulk Feeder	19
Nozzle Change Capacity	3 Nozzles	
Component Range	Smallest Size	0201
	Largest Size	18x18mm
	Max Height	12mm
Rotation	±180°	
Placement Accuracy	±0.02mm	
X-Y Repeatability	±0.02mm	
Z-axis Max Movement Range	28mm	
PCB Applicable Dimension(mm)	Maximum 249 x 350(dual sides tape feeder)	
	Maximum 315 x 350(single side tape feeder)	
Electricity Supply	AC-240V	
Software System	NeoDen Proprietary Software	
Control System	Artificial Intelligence Integrated Controller Board	
Drives System	Stepper Motor	
Positioning System	Fiducial Mark	
PCB Handling	Manual PCB Loading/Unloading	
Power	50W	
External Dimensions(mm)	Machine Size	643(L)x554(W)x601(H)
	Packing Size	700(L)x610(W)x595(H)(wooden box)
Weight	Net Weight	35.5kgs
	Gross Weight	47kgs(wooden box)

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