



High Speed HD Flying Vision Camera System:

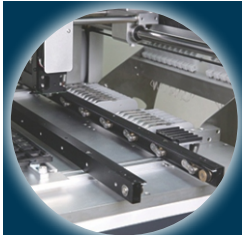
MICRON High Speed HD Industry Camera, with capable of, to Identify, Detection & Auto Calibrate the **different Components of the 4 Heads**, at **Single shot Cycle**, on flying mode, with high speed and Accurate. The Top & Bottom Camera systems positioned at non obstruction work area.



Four Heads with 360deg Orientation:

The mounting head is designed in a suspended, fully symmetric & high degree coupling way, to ensure

1. High Speed Component Mounting.
2. Yet Gentle & Smooth Operation.
3. Efficient Component Detection System Supports both Vacuum Detection & Vision Inspection.



Built-in Automatic Conveyor System:

Complementing the mounting capability of the machine up to **1.2 meters PCB size**. Also Synchronizing the external conveyor links to both Solder Paste Printer & Reflow Oven to ensure Complete Process Automation.



Auto Electric Feeders with BLDC Motor:

Patented, Electronic Feeders design adopts new technique feeding system driven by Brush-less DC motor with Auto error corrections to ensuring smooth error free feeding and precious picking with the most accurate pickup point.



Integrated Industrial Host & Solid State Drivers:

To achieve high Stable & Sturdy performance, Quick response to each process with high Power off Protection. The machine firmware supports remote system up gradations.

NEODEN N4+

ChipMax Proudly Introduces the 5th Generation SMT Desktop Pick & Place machine from NeoDen, with Highly Intelligent FlyingVision System, and first of its kind.



Universal Interface Port:

Apart from machine's automated performance, this facility ensures process automation also by linking external conveyor.

Technical Parameters:

Placement Capacity	: 5000 CPH (Vision Off), 3500 (Vision On).
Placement Accuracy	: ± 20 micron (Repeatable Positioning Precision).
Application Component	: Min 0201, Max 30mm x 30mm, QFP, QFN. BGA.
Application PCB Size	: 290mm X 1200mm / 290mm X 400mm.
Automatic Electric Feeders	: Maximum 48nos of 8mm Feeders.
Power Supply	: 220VAC, 160W.
Equipment Weight	: 80Kg.
External Dimension (L x W x H)	: 600mm x 850mm x 460mm.

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

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