LE40 Pick and Place Machine

Brand: DDM Novastar
Product Code: 0013803044430-20D
Availability: In Stock
Weight: 0.00kg
Dimensions: 1,016.00mm x 1,067.00mm x 635.00mm

Short Description
Benchtop model with the finest assembly precision for low to medium volume assembly production.

Description
LE40 benchtop model of pick and place machines offers technologically advanced, low cost solutions for low to medium volume SMT placement applications. The LE40 are specifically designed for facilities where quick setup, ease of operation and high reliability are paramount.

- The highest quality with advanced technology at a cost effective solution
- Placement rates up to 3000 cph
- The best GUI (graphical user interface) in its class using Windows®-based software allows programming in minutes
- Up to 64 tape feeders, 96 8mm tape positions with bank feeders
- Accurately places a wide range of components including 0201s, LED’s, BGAs, 15 mil pitch QFPs, SMT Connectors and many others
- Precision placement head design with closed-loop logic
- Fiducial correction (Auto fiducial correction optional)
- Easily interchangeable tape, loose, tube, or tray feeders
- Integrated on-the-fly component centering using Mechanical fingers (Standard) or Laser Technology (Cyberoptics®) (Optional)
- Auto tool changer with up to 4 nozzles - 8 nozzles optional
- Self contained no shop air required

Specification

Pick and Place Machines	
Dispenser Option	Up to 10,000 dots/hour
Fine Pitch Capability	To 15 mil pitch (0.381 mm)
Largest Component Size	1.378" (35 mm) square body
Laser Centering	Touch-less Cyber-optics® Laser
Matrix Tray Feeders	With Board/Matrix tray holders
Max Board Size	13.5" x 22" (343 mm x 560 mm)
Max No. of Feeders (8 mm Tape)	64
Max No. of Feeders with L-GB-12 Bank Feeders	96
Max Placement Rate	3000 cph
Max Travel Area	22" (X axis) x 22" (Y axis) (560 mm x 560 mm)
Overall Dimensions	40" x 42" x 25" (1016 mm x 1067 mm x 635 mm)
Placement Accuracy	± 0.001" (0.025 mm)
Smallest Component Capability	0201 components
Tape Feeders	8, 12, 16, 24, 32, 44 mm (electrical)
Typical Verifiable Placement Rate	1800 - 2500 cph
Vibratory Feeders	Loose, tube, stick (frequency & amplitude control)
Vision System	Color CCD Card Camera