



iJet-8

Multifunction High Speed Jetting Dispenser

Features:

- Computer Control, Windows OS
- CCD visual positioning system
- Servo Motor + Ball Screw Driven
- Heated Valves for Viscosity Control
- Inline CCD visual programming or Gerber upload
- Large Capacity, Stainless Steel Adhesive Material Tanks
- 35 degree tilt and 360 degree rotation
- PCB Heater enhances material flow for underfill applications
- Precision Weight Measurement ensures accurate volumetric dispensing
- Multiple Valves Available, Pneumatic Jet, Screw Valve, Piezoelectric Jet Valve
- Laser Height Detection to calibrate Z axis automatically for component deformation



Model	HD-18
Dimensions LxHxW (mm)	1200 x 1270 x 1600mm
Control Method	Industrial Computer + Motion Controller
CCD Vision Camera	Automatic Calibration & Offset Correction
Motion/Drive System	Servo Motor, Ball Screw, Linear Slides
Max Speed	1000mm/second
Precision & Repeatability	0.02mm
Dispensing Range	X=370mm Y=500mm Z=50mm
Number of Dispensing Valves	1 with optional second Valve
Valve Heating (Viscosity Control)	~80°C ± 3°C
Conveyor Width	30 - 500mm
Conveyor Transfer Speed	20m/min
Valve Cleaning System	Vacuum
Programming Mode	Inline Visual Programming, Gerber File
Incoming Voltage	220-240VAC Single Phase, 50/60Hz (3 wire); 208VAC Split Phase, 60Hz (4 wire); 208VAC Three Phase, WYE, 60Hz (5 wire);
Air Pressure	4 - 6 kg/cm ²
Power Consumption	2.2kW
Weight	910kg
Standards Compliance	CE (European health & safety)
Options	
Valves	PS-8500, E-01, JET-16, TDS-10, TDS-25, TDS-40, LG-02
PCB Heater	Zone Heater, Ambient ~ 120°C ± 3°C
Laser Height Measurement	Automatic Laser Height Detection & Z Axis height Calibration
Weight Measurement System	Weight Measurement Accuracy 0.01mg