



iJet-Table Dispenser

Table Top Fluid Dispenser

Features:

- Computer Control, Windows OS
- CCD visual positioning system
- Servo Motor + Ball Screw Driven
- Inline CCD visual programming
- Heated Valves for Viscosity Control
- 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	TD-250	TD-350
Dimensions LxWxH (mm)	600 x 620 x 690mm	700 x 750 x 690mm
Control Method	Laptop Computer + Motion Controller	
CCD Vision Camera	Automatic Calibration & Offset Correction	
Motion/Drive System	Servo Motor, Ball Screw, Linear Slides	
Max Speed	600mm/second	
Precision & Repeatability	0.02mm	
Dispensing Range	X=250mm Y=250mm Z=100mm	X=330mm Y=330mm Z=100mm
Number of Dispensing Valves	1 with optional second Valve	
Valve Heating (Viscosity Control)	~80°C ± 3°C	
Adhesive Capacity	10CC, 30CC, 50CC (larger capacity options)	
Coating Detection	Automatic	
Valve Cleaning System	Vacuum	
Programming Mode	Inline Visual Programming	
Incoming Voltage	220–240VAC Single Phase, 50/60Hz (3 wire); 208VAC Split Phase, 60Hz (4 wire);	
Incoming Voltage	220VAC 50/60Hz	
Air Pressure	5kg/m ²	
Power Consumption	1.8kW	
Weight	75kg	80kg
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 0.01 mg (TD-350 only)	