

DISPENSER ▼

Desktop Visual Dispenser

The desktop visual dispenser adopts special operating software, supporting a new type of vision system technology, and special glue dispensing vision software to ensure the accuracy of the dispensing process.



Application:

- Camera module
- Under filling
- Surface mounting
- Pin encapsulation
- Filling and Daming
- Solar Cell/Photovoltaic Packaging
- Mobile phone speaker receiver
- PCB soft board dispensing
- Semiconductor/New Energy Battery Packaging
- VCM Motors and Vibration Motors

Features:

1. With the jet valve, it can realize non-contact jet dispensing, achieve a smaller dispensing diameter, and a wider application field
2. Template matching, edge recognition and other visual recognition methods, which can adapt to products of different shapes, colors and materials
3. Optional all stainless steel mirror case to meet the requirements of 100-level dust-free production
4. Professional motion control and high-quality module structure lay a solid foundation for high-speed and high-precision operation
5. Automatic calibration and visual programming, suspended graphic track preview
6. Valve control enables direct pulse control for on-the-fly dispensing, point count and glue volume control
7. With the rotation module, it can realize tilting or rotating dispensing
8. Optional linear motor drive, positioning accuracy up to $\pm 10\mu\text{m}$
9. Excel-style program line editing interface, simple and user friendly
10. Optional workpiece heating system to enhance the fluidity of the paint during underfilling

Technical Parameter:

Item	Specification and description		
Model No.	DV250	DV300	DV325
Dimension	L=600mm W=600mm H=650mm	L=650mm W=650mm H=650mm	L=650mm W=850mm H=650mm
Net weight	75kg	85kg	120kg
Control	IPC+Motion control card		
Software	Sanco software+Windows		
Number of spindles	X Y Z		
Spindle drive	Linear Electric Motor X Y servo motor Z		
Distance Range	X:250 Y: 250 Z: 50(mm)	X:300 Y: 300 Z: 50(mm)	X:250 Y: 300 Z: 50(mm)
Valve quantity	Piezo valve Standard		
Maximum Speed X/Y/Z	800mm/s X/Y 300mm/s Z		
Visual positioning system	1.3 megapixel industrial camera		
Resolution(mm/pixel)	0.01*0.01 (adjustable)		
Recognition range (mm)	14*14 (Depending on the selected lens)		
Light source	LED light source (ring light, coaxial light optional)		
Repeatability accuracy	0.01mm		
Paint volume	30CC		
Power supply	220V 50/60HZ		
Air pressure	$\geq 0.65\text{Mpa}$		
Total power	1.5KW		

