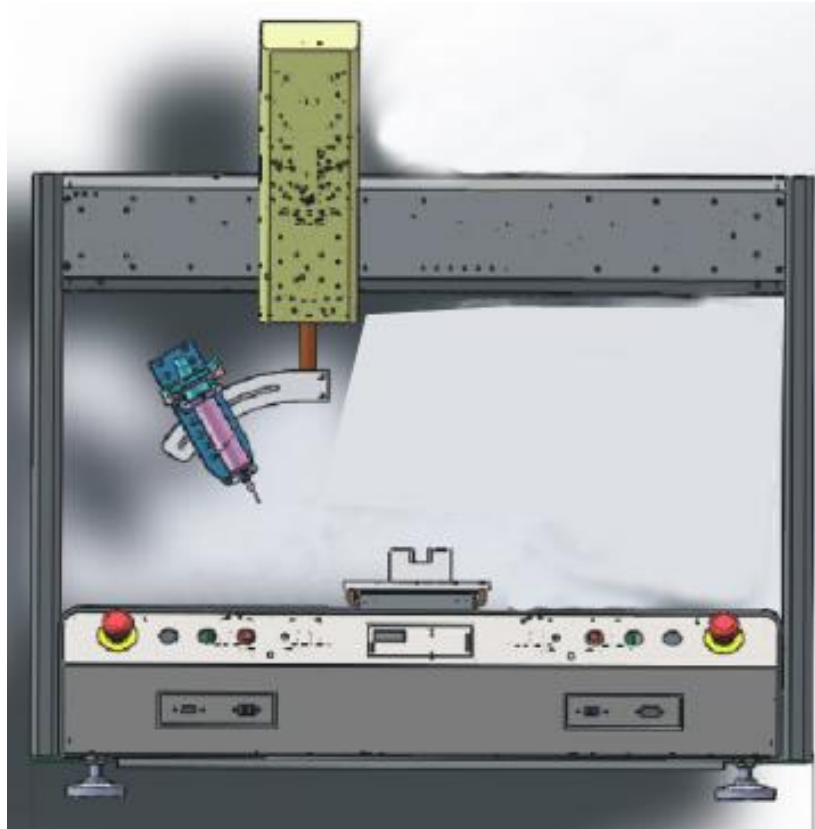




Automated Dispensing Robot (DJ-300P)

Equipment appearance

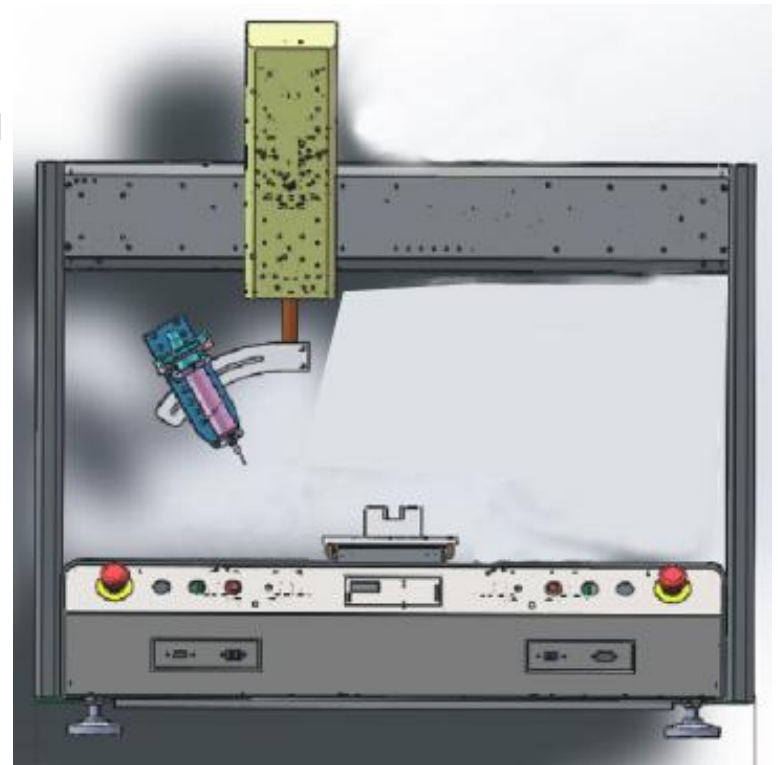


DJ-300P Automated Dispensing Robot

Equipment function

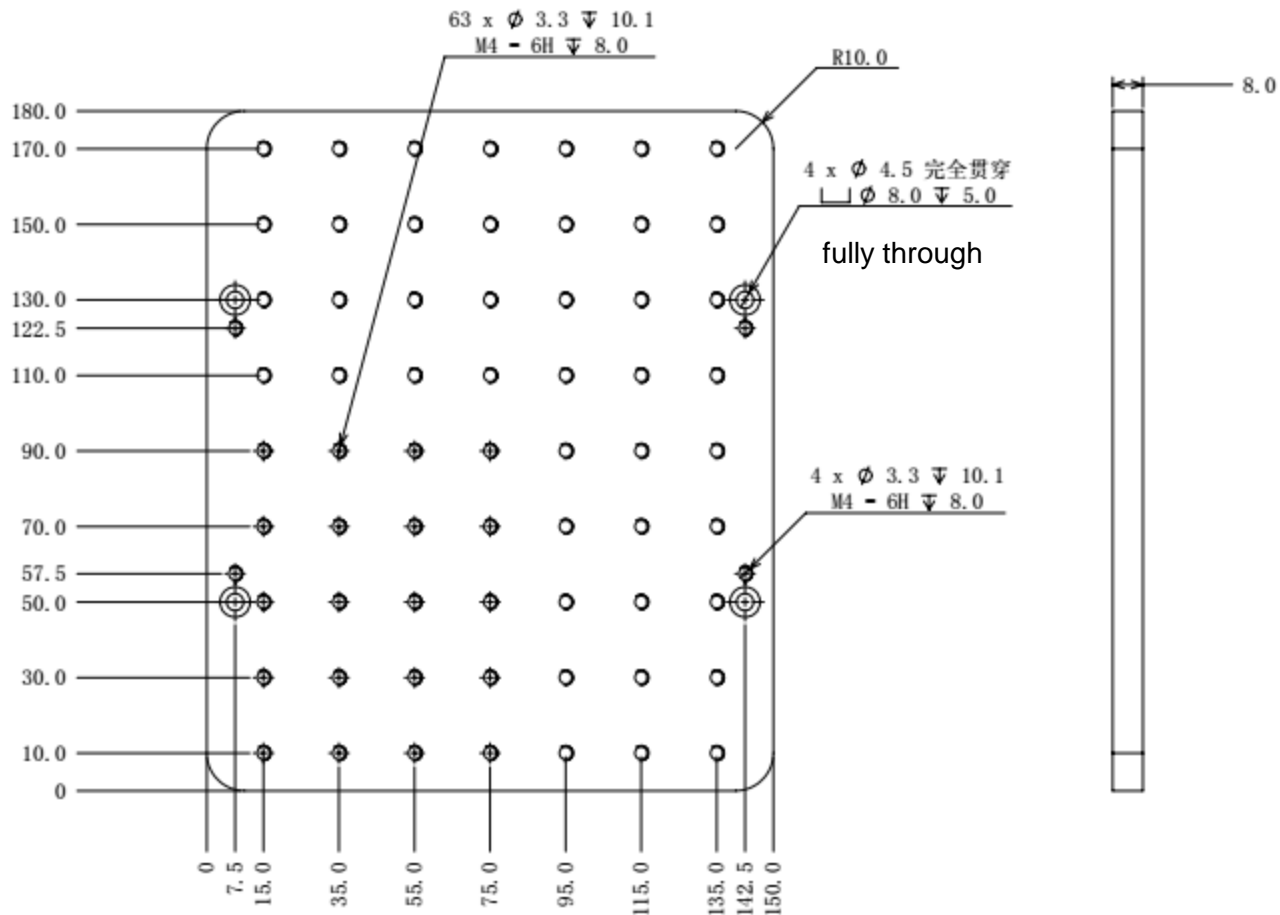
Basic functions:

1. 4-Axis servo and stepper drive motors (stepper drive motors with signal feedback for accuracy);
2. Hand held teach pendant (easy to program, realize fluid placement such as dots, lines, circles and arcs easily);
3. Programmable dispensing volume, dispensing speed, dispensing time and stop time (stable dispensing quantity);
4. 350° rotation for dispensing.
5. Fluid dispensing, for example: UV glue, AB glue, silica gel, hot melt glue, EMI conductive adhesive, SILICON, epoxy, green glue, silver glue, red glue, solder paste, thermal grease, celluloid paint, threadlocker...;
6. Modularized structural design which is convenient for maintenance.



Component show

Precise platform



Equipment parameter

Model		DJ-300P			
Power supply		220V			
Number of controllable axes		Four axis			
Moving range		X axis	Y axis	Z axis	A axis
		300mm	300mm	80mm	300°
Speed range		X axis	Y axis	Z axis	A axis
		0.1~800mm/sec	0.1~800mm/sec	0.1~400mm/sec	0.1~300mm/sec
Repeatability accuracy		X axis	Y axis	Z axis	A axis
		±0.02mm	±0.02mm	±0.02mm	±0.02°
Resolution		X axis	Y axis	Z axis	A axis
		0.01mm	0.01mm	0.01mm	0.01°
Payload weight		work platform	8Kg		
Speed control		Auto speed control with forward-looking			
Storage for teaching files		Max.999 files&Max.1000 bytes			
Storage for processing files		Max.999 files			
Working ambient	Temperature	0~40℃			
	Relative Humidity	20%~90%			
Outside size W×D×H		670 * 540 * 670mm			
Weight		40Kg			

Equipment configuration

Core configuration:

1. Photoelectric controller: Panasonic (Japan), Omron (Japan), AIRTAC (Taiwan);
2. Sliding rail: HIWIN (Taiwan);
3. Driving mode: stepper drive motors of SHINANO (Japan) or simple servo drive motors (stepper drive motors with signal feedback for accuracy);
4. Control method: hand held teach pendant + single chip controlled movement system;
5. Body (heavier than aluminum): stabilized chassis and customization;
6. Power supply: MEAN WELL (Taiwan);
7. Belt: foreign wired belt with good abrasion resistance and stabilization.

Equipment advantage

1. X, Y, Z, A HIWIN sliding rail (chassis stability);
2. Simple servo drive motors (stepper drive motors with signal feedback) to avoid missing steps;
3. Columns on both sides use mould unloading aluminum (unique porous aluminum which does not have to remove the shell when changing the wire);
4. Four dimension servo and stepper drive motors (stepper drive motors with signal feedback for accuracy);
5. Hand held teach pendant (easy to program, realize fluid placement such as dots, lines, circles and arcs easily);
6. Programmable dispensing volume, dispensing speed, dispensing time and stop time (stable dispensing quantity);
7. Fluid dispensing, for example: UV glue, AB glue, silica gel , hot melt glue, EMI conductive adhesive, SILICON, epoxy, green glue, silver glue, red glue, solder paste, thermal grease, celluloid paint, threadlocker...;
8. Modularized structural design which is convenient for maintenance;
9. Customizable double head for simultaneous working (improve work efficiency exponentially).

The background features abstract, overlapping geometric shapes in shades of light blue and green, creating a sense of depth and movement. A prominent horizontal bar, split into a dark red left half and a blue right half, spans the width of the image. The text 'Thank You!' is centered within this bar.

Thank You !