

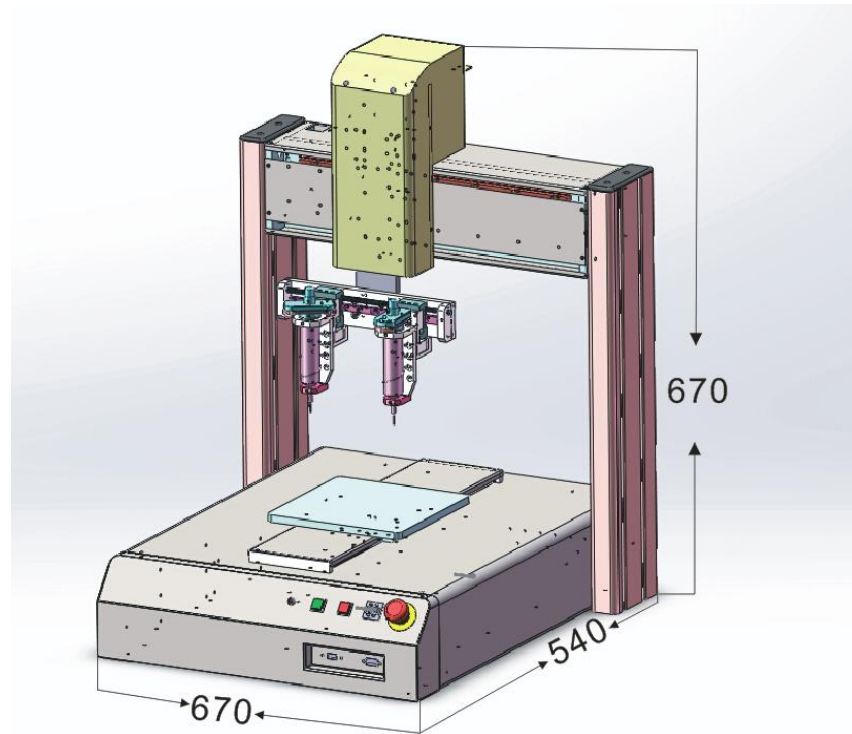


**Double-head Automated Dispensing Robot
(enter front and out behind)**

Equipment appearance

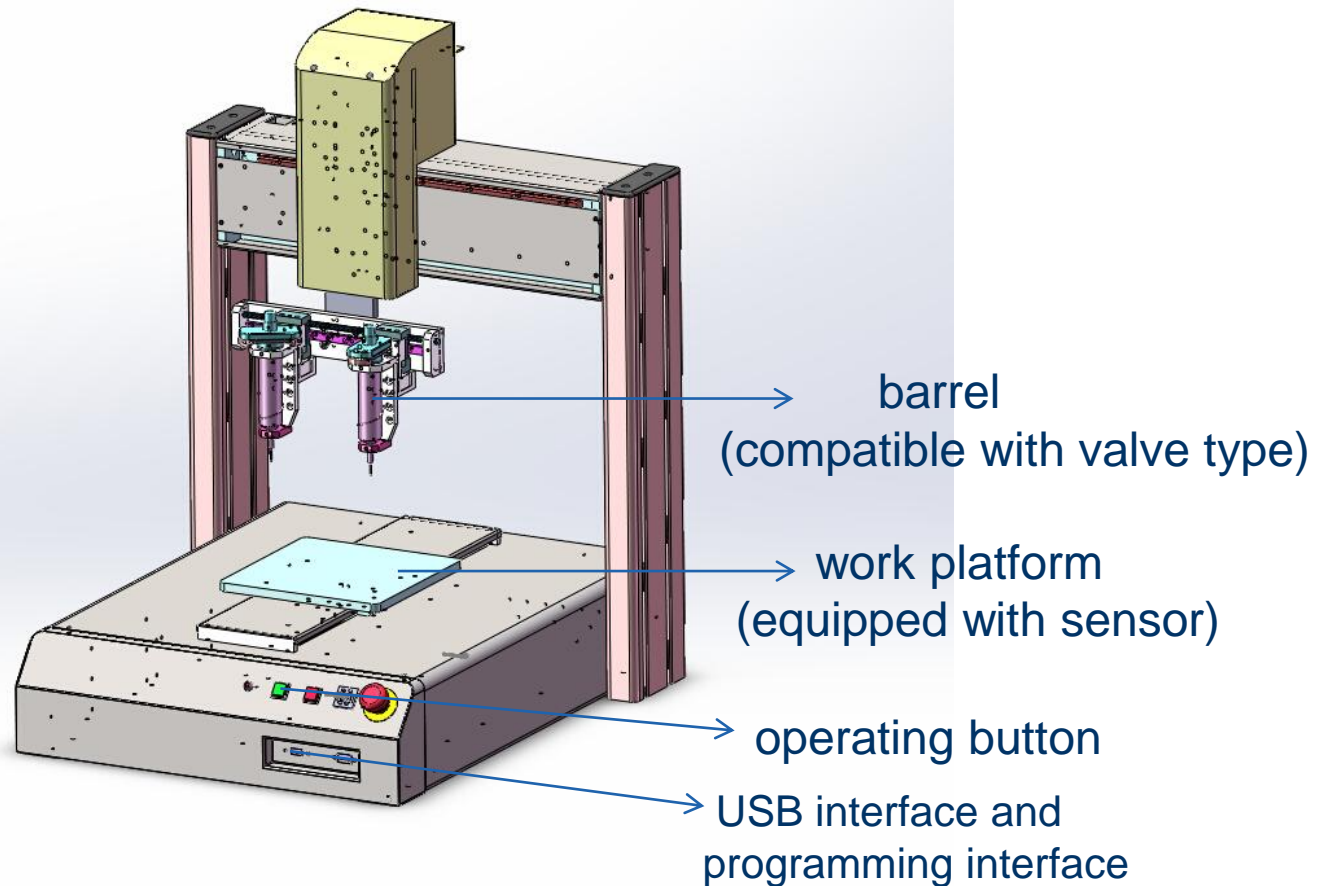
Size :

DJ-300 double
head



Equipment structure

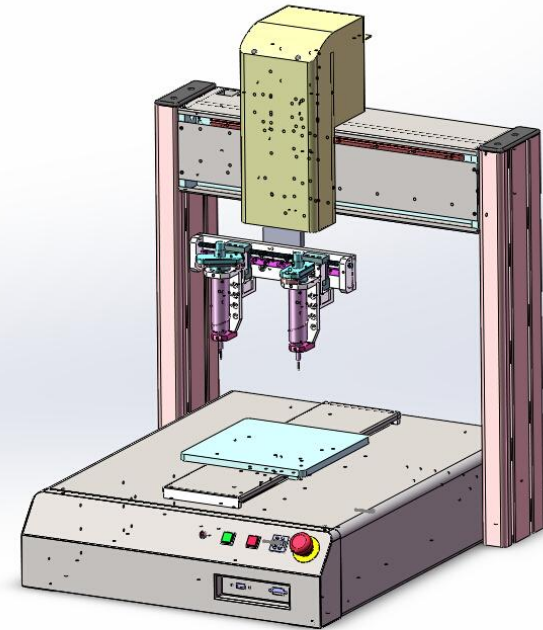
Structure



Equipment function

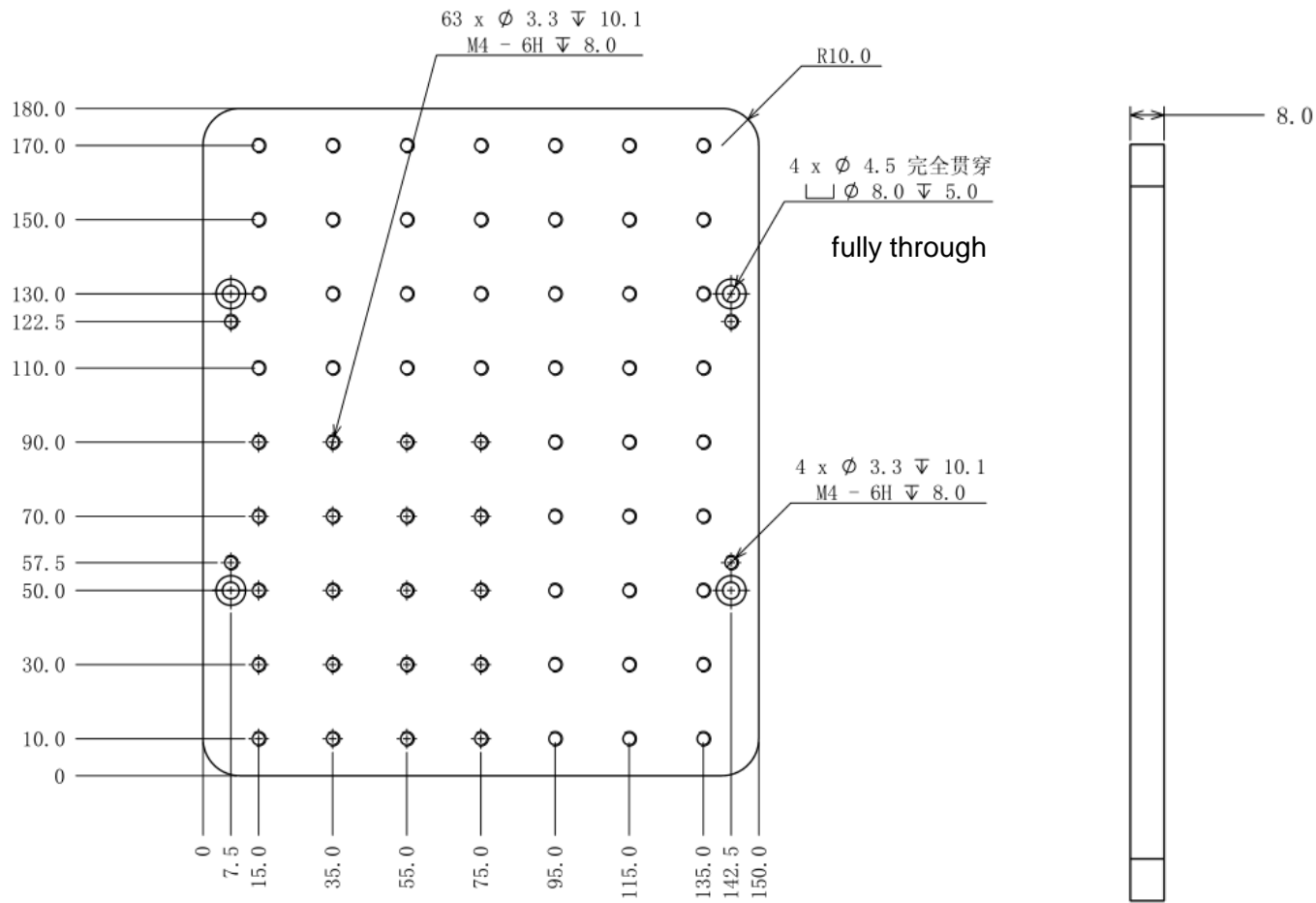
Basic functions:

1. Three dimension 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. 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...;
5. Modularized structural design which is convenient for maintenance;
6. Double- head simultaneous working (improve work efficiency exponentially).



Component show

Precise platform



Equipment parameter

Model		DJ-300		
Power supply		220V		
Number of controllable axes		Three axis		
Moving range	X axis	Y axis	Z axis	
	300mm	300mm	80mm	
Speed range	X axis	Y axis	Z axis	
	0.1~800mm/sec	0.1~800mm/sec	0.1~400mm/sec	
Repeatability accuracy	X axis	Y axis	Z axis	
	±0.02mm	±0.02mm	±0.02mm	
Resolution	X axis	Y axis	Z axis	
	0.01mm	0.01mm	0.01mm	
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 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. Three 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. Double- head 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 spans the width of the image, divided into a dark red section on the left and a dark blue section on the right. The text "Thank You !" is centered across this bar, with the "Thank You" portion overlapping the red section and the exclamation mark overlapping the blue section. The text is rendered in a bold, white, sans-serif font with a thin black outline and a drop shadow effect.

Thank You !