



### Product Description

Our glue dispensing robot has high performance and cost-effective platform, the working process is flexible and fast. The dispensing velocity, time, angles and dispensing volume, etc can be control as desired. It is suitable for various glue dispensing control, replace the manual dispensing operation, to realize the automatic dispensing, it improves the production efficiency, stable quality, and keep the dispensing process consistency. It can rapid recovery cost.

### Features

1	Replace the human labor and save labor cost.
2	Simple and convenient operation, high speed and precise control.
3	Realize the precise dispensing by the high-precision motor.
4	High performance Linear structure platform with nice appearance.
5	High-rigidity aluminum alloy multi-axis design ensures reliability and accuracy.

### Functions

1	Desktop type can be placed on the production line.
2	Glue automatic feeding, glue thickness, glue speed, dispensing time, stop time can be set parameters, the glue stability is high.
3	Flexibility: Standard universal fixtures are suitable for a wide range of production requirements.
4	More user-friendly touch screen or teaching pendant operation, easy to operate. External technical parameters and manual test functions can be directly adjusted by the technician.
5	Has a variety of functions, such as drawing points, lines, polygons, arcs, circles, irregular curves, continuous tween and three-axis movement.
6	The dispensing machine can work without a teach pendant connection.
7	Various types of distribution valves are available, such as screw distribution valves, metering valves, and injection valves to meet different production requirements.

### Applications

The automatic dispensing robot is widely used in various industries, such as :

1. Electrical Products: Electronic parts, integrated circuits, circuit board solder paste, fixed and dust and moisture protection, LCD liquid crystal screen, speakers, headphone, audio, LED, optical lens, SMD transformers, relays.
2. Communication products: keypad, mobile phone casing bonding, radio, telephone, computers, MP4, electronics toys, chassis bonding, switches, connectors, plug cable.

### Parameters

1	Model	MS-PD-DD551-SP
2	Dispensing Control	Dispensing Control System
3	Dispensing Speed	According to customer's product requirements and glue types
4	Maximum Load Weight	6kgs (for work platform)
5	Operation Range (X*Y*Z) (mm)	500*500*100mm
6	Axis	3 Axis (X,Y,Z)
7	Maximum Speed	X,Y 500mm/S, Z 300mm/S
8	Repeated precision	X,Y,Z ±0.02mm
9	Teaching Method	Remote Teaching/Manual Data Input
10	Motor system	precision stepper motor
11	Transmission mode	Precision Stepping Motor+Timing belt
12	Control Panel	Teach pendant
13	Voltage	AC 110V/220V, 50Hz/60Hz
14	External Interface	USB + RS232
15	Power Source	Electricity + Pneumatic
16	Air pressure requirement	0.4 to 0.6MPa (4 to 6kg/cm <sup>2</sup> ) as dry air
17	Dimension (L*W*H) (mm)	850*830*880mm
18	Weight(kg)	60 KG
19	Working Temperature	10-40C°
20	Working Humidity	20-90% RH