





### Desktop structure

Aluminum profile die-casting structure  
Beautiful appearance

## Standard configuration



### Italy Lartey Belt

High wear resistance and good elasticity  
Built-in steel wire is durable



### Japan Shinano Motor

High precision  
Super speed  
High torque and low noise



### Taiwan Meanwell Power

Strong anti-interference performance  
Good insulation  
Long lasting



### HIWIN Lead Rail

Imported steel casting with high precision, low noise and strong wear resistance



### OMRON Relay

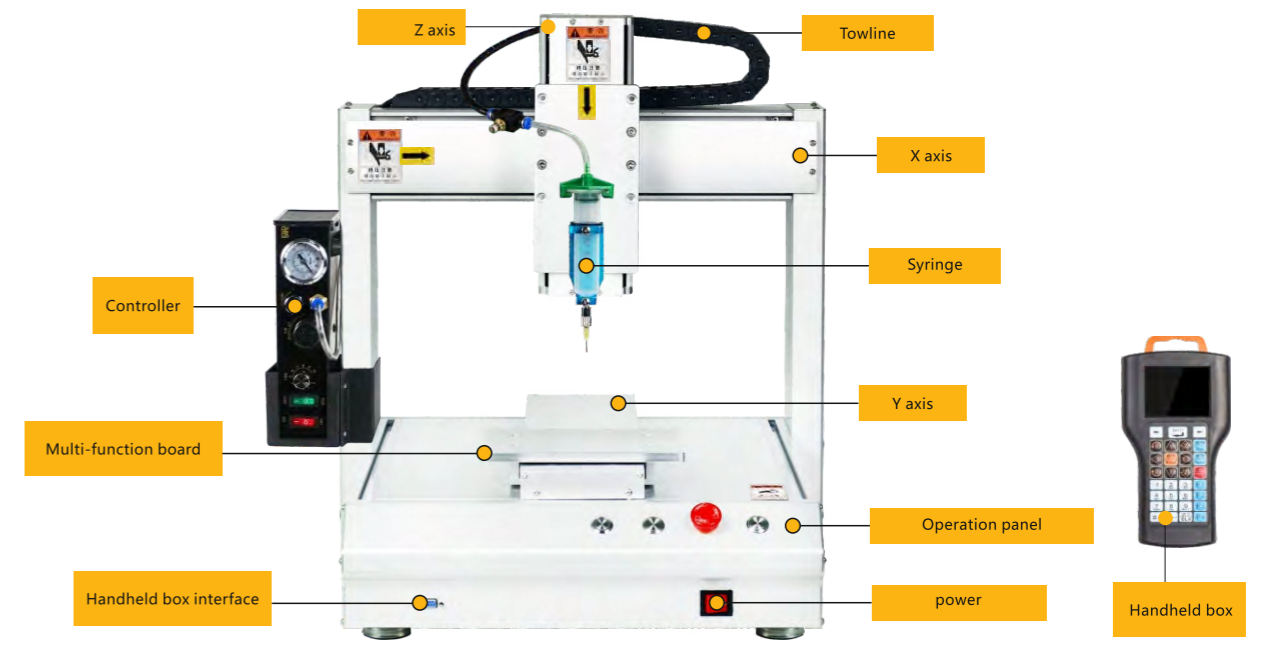
Imported brands  
Safe and durable



### ONPOW Metal Switch

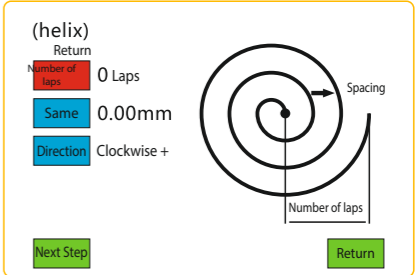
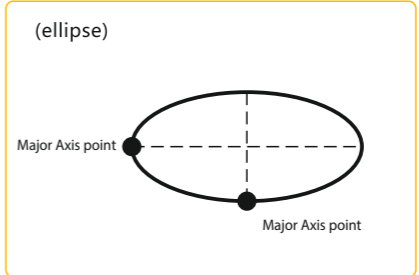
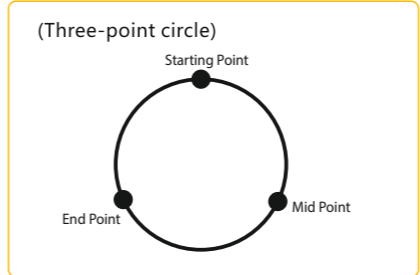
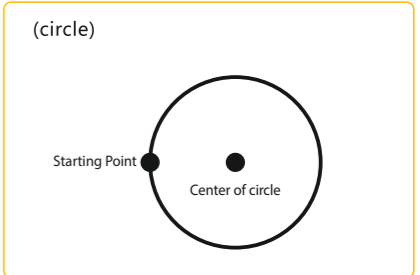
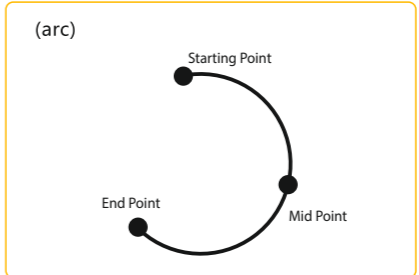
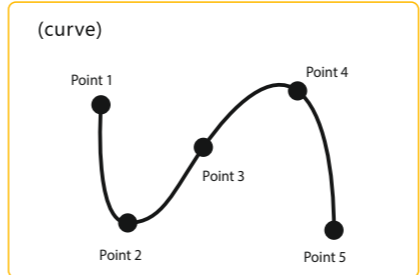
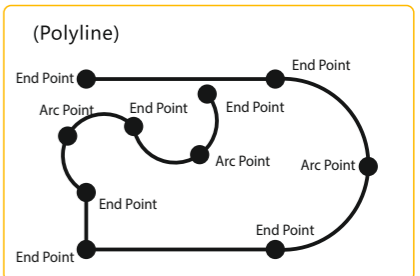
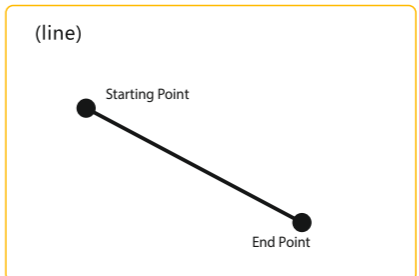
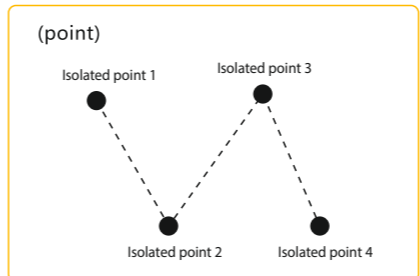
Fire and flame retardant  
Longer service life

## Dispenser structure Introduction



## Dispensing track

Can be used to dispense any shape of space points, lines and arcs



(Dispenser)

(Screwing)

(Soldering)

(Module)

(Accessories)

Dispenser upgrade option

(Dispenser)




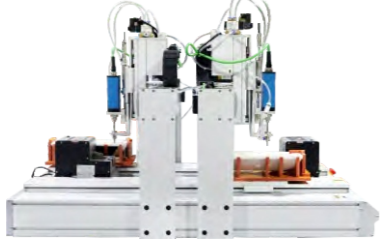

(Screwing)

(Soldering)







(Module)

(Accessories)

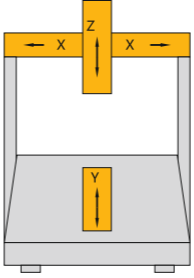
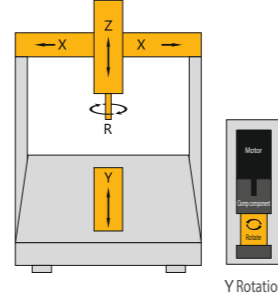
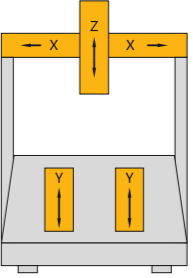
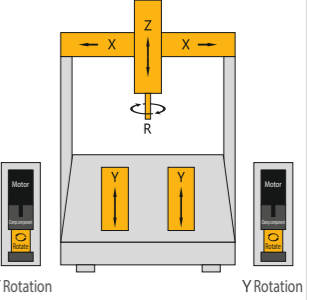
Option 1: Machine structure

		
Conventional structure	Cantilever structure	Gantry structure
		
Spliced structure	Back-to-back structure	Floor-standing structure

Option 2: Peripheral configuration

		
Protective cover	Simple workbench	Floor workbench
		
Safety grating	Warning light	Purification filter

Option 3: Motion range

			
<b>Single Station Model</b> X : 200/300/400/500/600... Y : 200/300/400/500/600... Z : 100/150/200...	<b>Single Station with rotating machine</b> X : 200/300/400/500/600... Y : 200/300/400/500/600... Z : 100/150/200... R : 360°	<b>Dual Station Model</b> X : 500/600/700/800/900... Y : 300/400/500/600/700... Z : 100/150/200...	<b>Dual Station with rotating machine</b> X : 500/600/700/800/900... Y : 300/400/500/600/700... Z : 100/150/200... R : 360°

Option 4: Transmission mode

		
Synchronous belt	Ball screw	Grinding screw

Option 5: Motor

		
Stepper motor	Closed loop motor	Servo motor

(Dispenser)

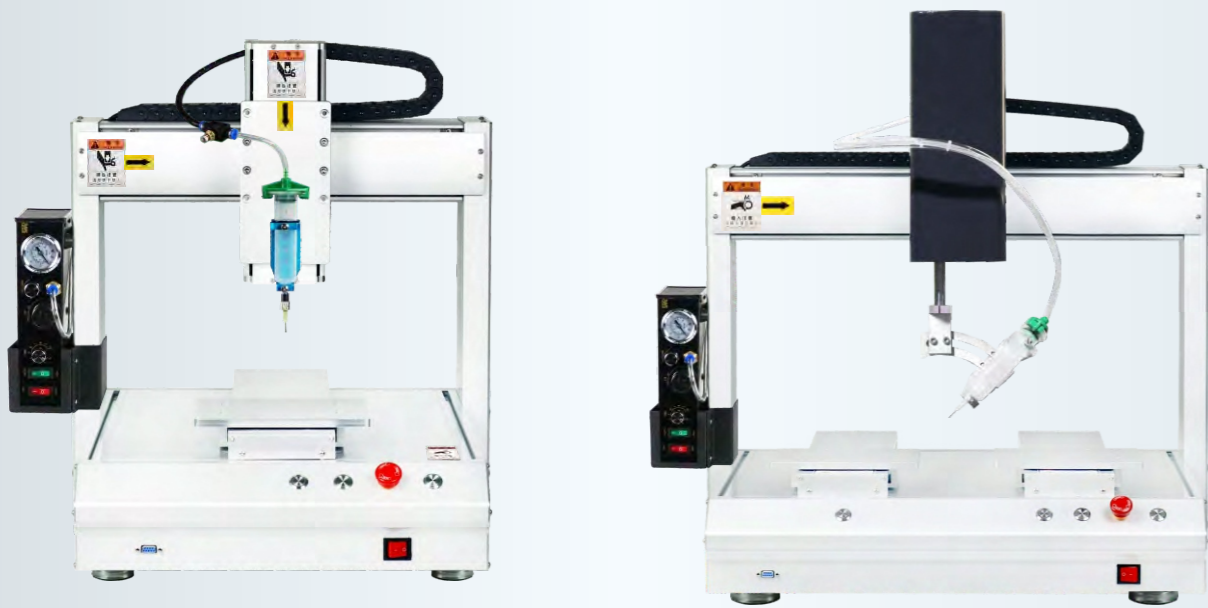
(Screwing)

(Soldering)

(Module)

(Accessories)

# Automatic precision dispenser



\*All models are optional: stepper motor / closed loop motor / servo motor + timing belt / ball screw / grinding screw configuration

## Automatic dispenser with high efficiency and versatility

Instead of manual specific dispensing operations, mechanized production is realized.

It has the functions of drawing points, lines, surfaces, arcs, circles, irregular curves, continuous interpolation and multi-axis linkage.

Program files can be uploaded/downloaded via U disk, which is convenient for data management and storage.

The glue volume, glue speed, glue dispensing time and glue stop time can all be parameterized.

## Scope of application

### Applicable glue

Suitable for fluid dispensing, such as: UV glue, AB glue, black glue, white glue, yellow glue, EMI conductive glue, Anaerobic glue, epoxy resin, instant glue, silver glue, red glue, solder paste, thermal paste, solder paste, Transparent paint, lubricating oil, flux, screw fixing agent, etc..



### Applicable Products

Suitable products: sensors, relays, power adapters, electronic toys, buzzers, electronics components, household appliances, electric vehicle controllers, computer digital products, handicrafts, mobile electronics, Phone board, coil products, button products, battery box, speaker outer ring dispensing and bonding.



## Two-dimensional mechanism rotary syringe dispensing robot

Large degree of rotation and wide applicability  
Handheld box teaching programmer, programming is quick and easy



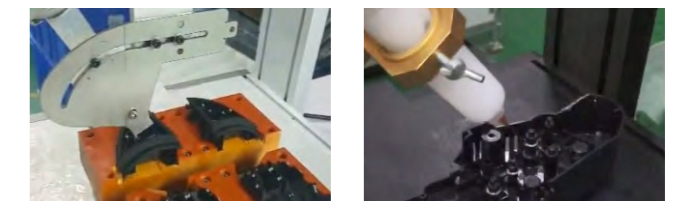
## Single-station single-head syringe dispensing robot

High-precision stepper motor control, accurate dispensing trajectory  
Can do any shape dispensing of space points, lines, arcs, etc.



## Single-station rotary syringe dispensing robot

Large degree of rotation, wide applicability  
Dispense speed and volume can be set independently



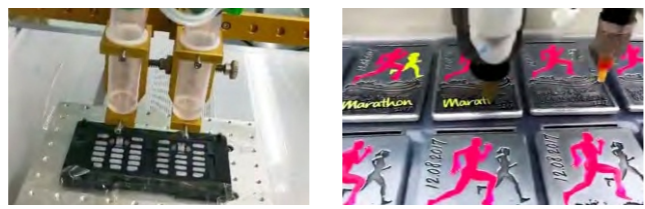
# Automatic precision dispenser

(Dispenser)



Single-station double-head syringe dispensing robot

High-precision stepper motor control, accurate dispensing trajectory  
Two different glues can be ordered at one time

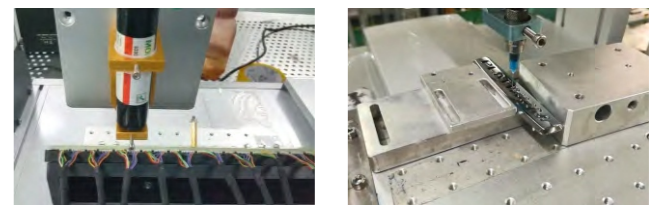


(Screwing)



Double-station single-head syringe dispensing robot

High-precision stepper motor control, accurate dispensing trajectory  
Can do any shape dispensing of space points, lines, arcs, etc.



(Dispenser)

(Soldering)



Single-station four-head syringe dispensing robot

Can order a variety of different glues  
Dispensing speed and dispensing volume can be set independently

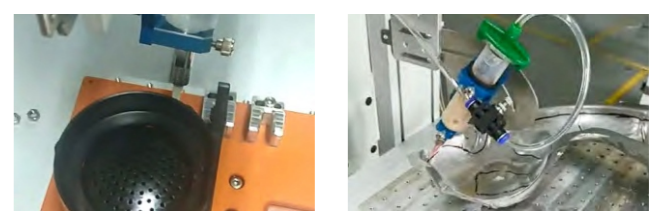


(Screwing)



Double-station rotary syringe dispensing robot

Large degree of rotation, wide applicability  
Dispense speed and volume can be set independently



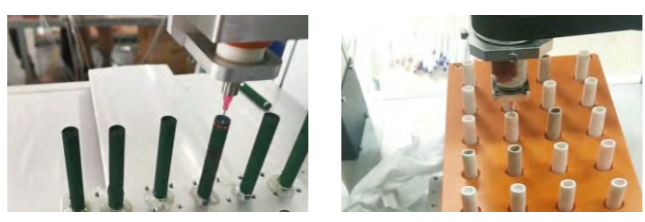
(Soldering)

(Module)



Single station rotating inner circle outer wall glue dispensing robot

Suitable for inner wall, outer wall, vertical surface, gap, spherical curved surface dispensing  
Precision suction controller, imported solenoid valve with suction function

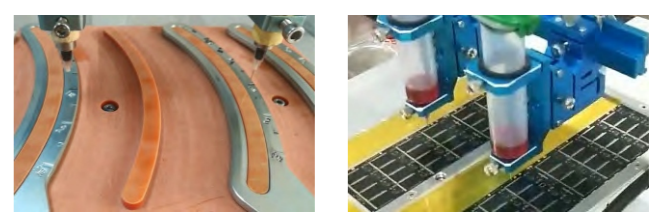


(Module)



Double-station double-head syringe dispensing robot

High-precision stepper motor control, accurate dispensing trajectory  
Two different glues can be ordered at one time



(Accessories)

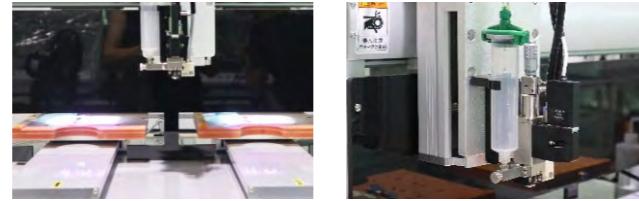
## Automatic precision dispenser

(Dispenser)



### High-speed jet valve + UV curing all-in-one machine

Double-station high-speed jet valve + UV lamp curing integrated machine  
Non-contact narrow line width dispensing, high-energy UV lamp can complete curing in as fast as 2 seconds



(Screwing)



### Double-station four-head rotary syringe dispensing robot

Large degree of rotation, wide applicability  
Dispense speed and volume can be set independently



(Soldering)



### Dispensing robot with suction valve

Precise suction valve, even glue without drawing  
Dispensing range can be customized



(Module)

(Accessories)

## Specifications

Model	Automatic precision dispenser	
Trip	300*300*100 / 500*300*300*100 mm Customizable itinerary	
Programing mode	Import teaching programming or graphics	
Movable graphics track	Point, line, are, circle, curve, multiple lines, spiral, ellipse	
Dispensing needle	Plastic needle/TT needle	
Dispensing cylinder	30CC/50CC/100CC/200CC/300CC/500CC	
Minimum discharge	0.01 ml	
The glue frequency		5 times/SEC
Load	X/Y axle load	10kg
	Z axle load	5kg
X/Y/Z (Axial dynamic speed)		0~600mm/sec
Resolving power		0.01mm/Axis
Repeated positioning accuracy	Screw drive	±0.01~0.02mm
	Synchronous belt drive	±0.02~0.04mm
Program record mode		At least 100 groups, 5000Points each
Display mode		LCD teaching box
Motor system		Japan precision micro stepping motor
(Drive mode)	Guide	Taiwan upper silver linear guide rail
	Wire rod	Taiwan silver bar
	Belt	Italy Lartey synchronous belt
	X/Y/Z axis synchronous belt for standard configuration, Z axis screw rod is optional, X/Y/Z axis screw rod for customization	
Motion filling function		3 axis Three dimensional space any route
Input power		Full voltage AC110~220V
External control interface		RS232
Motor control (shaft number)		3/4/5/6 axis
Axis range	X axis	300/400/500/600/700/800... Customized
	Y axis	300/400/500/600/700/800... Customized
	Z axis	100/150/200 Customized
	R axis	360°, (360°, can be rotated in two dimension)
Outline size (mm)		(X axis +250mm) (Y axis +300mm)*600mm
Weight (kg)		45/55/65/75/85kg

(Dispenser)

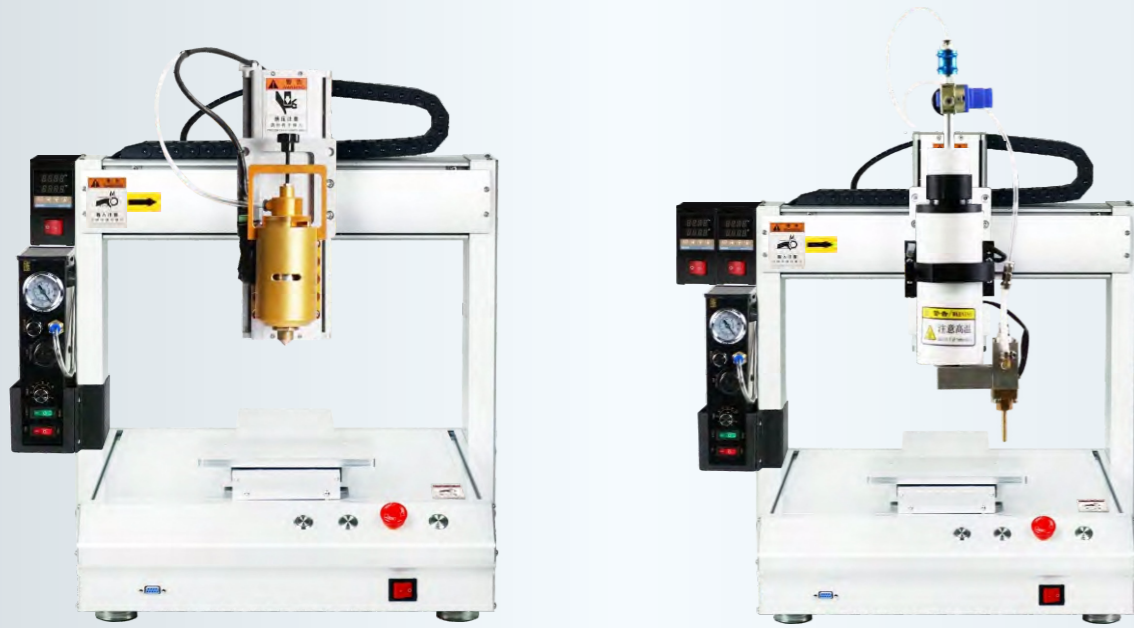
(Screwing)

(Soldering)

(Module)

(Accessories)

# Automatic hot melt glue dispenser



\*All models are optional: stepper motor / closed loop motor / servo motor + timing belt / ball screw / grinding screw configuration

## Dispenser specially designed for hot melt glue

The solid hot melt adhesive is heated to a molten state for glue dispensing.

Different types of hot melt adhesives have different opening, curing and cooling times.

The heating device effectively ensures the smoothness of the glue.

The glue volume, glue speed, glue dispensing time and glue stop time can all be parameterized.

## Scope of application

### Applicable glue

Such as: PUR hot-melt adhesive, PUH hot-melt adhesive, hot-melt adhesive pellets, hot-melt adhesive stick, hot-melt adhesive block, hot-melt adhesive powder, etc.

### Applicable Products

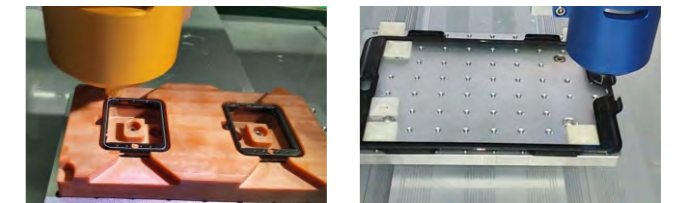
Suitable products: packaging boxes, wood industry, gift boxes, boutique boxes, toy industry, leather, leather goods, electronics, electrical appliances and other different manufacturing industries.



## Single-station hot melt adhesive dispensing robot

Smooth glue output, crisp glue break, no brushing

Dispensing speed and dispensing volume can be set independently



## Four-axis rotating hot melt adhesive dispensing robot

360° rotation dispensing, suitable for side dispensing

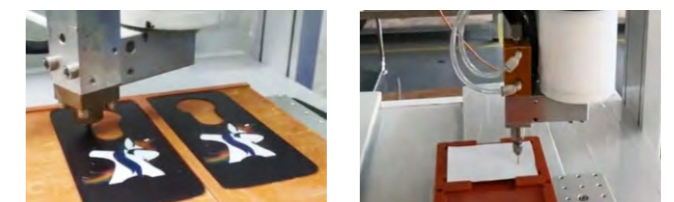
Uniform temperature, temperature deviation  $\pm 1^\circ\text{C}$



## 300ml high temperature hot melt adhesive dispensing robot

300ml capacity hot melting point glue head

Smooth glue discharge, broken glue, no drawing



(Dispenser)

(Screwing)

(Soldering)

(Module)

(Accessories)