



## PJS-100 Series Piezoelectric Jetting Valve Acoustics Semiconductor Optics Automotive Electronics New Energy Battery

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: MingSeal
- Certification: ISO
- Model Number: PJS-100H
- Minimum Order Quantity: 1
- Price: \$1-\$1000
- Packaging Details: WOODEN
- Delivery Time: 5-60 days
- Payment Terms: L/C, T/T, D/A, D/P, MoneyGram, Western Union



### Product Specification

- Condition: New
- Type: PJS-100H Piezoelectric Jetting Valve
- After-sales Service Provided: Engineers Available To Service Machinery Overseas, Video Technical Support, Online Support, Field Installation, commissioning And Training
- Product Name: PJS-100 Series Piezoelectric Jetting Valve
- Highlight: **Precise Welding robotic glue dispenser,  
Electronic robotic glue dispenser,  
Electronic auto glue dispenser**

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## Product Description

### PJS-100 Series Piezoelectric Jetting Valve

This series of piezoelectric jetting valve is a non-contact jetting system of high speed and precision which can process low, medium, high and ultra-high viscosity fluid; according to product features, there are two valve bodies to choose from, including PJS-100A with modular design, PJS-100H with quick dis-assembly and quick-change function of flow channel, and other derivative models used in specific working conditions.

Combined with piezoelectric valve controller and temperature controller, it can be widely used in noncontact high-precision spraying operations in the fields of advanced semiconductor manufacturing and mobile electronic device packaging.

#### Features and Advantages

- ◆ Minimal dosing amount 0.5nl, thinnest line width 0.2mm
- ◆ High amount stability with deviation under  $\pm 2\%$
- ◆ Processable fluid viscosity range 0-200000cps
- ◆ Excellent control of glue scattering under 0.5% and great management of bubble.

#### Processable Fluids

Type	PJS-100A Piezoelectric Jetting Valve	PJS-100H Piezoelectric Jetting Valve
Supply Pressure Range	0.1~8bar	0.1~8Bar
viscosity Range	Medium and high viscosity up to 200000mpas	Medium and high viscosity up to 350000mpss
Minimal Dot Diameter	0.2mm (related to adhesion)	0.15mm (related to adhesion)
Minimal Line Width	0.25mm (related to adhesion)	0.17mm (related to adhesion)
Minimal Dosing Amount	0.5nL (CPK>1337)	0.5nL (CPK>133)
Amount Accuracy	$\pm 1\%$ (related to adhesion)	$\pm 1\%$ (related to adhesion)
Control Frequency	0.001Hz	0.001Hz
Corrosion Resistance	All water-based glue, organic solvents, weak acids and alkalis	All water-based glue, organic solvents, weak acids and alkalis
Dimensions (W*D*H)	119×75×15mm (runner assembled, thermal connectors excluded)	123×75×15mm (runner assembled, thermal connectors excluded)
Weight	420g (runner assembled)	440g (runner assembled)
Working Temp. Range	0~40℃	10~50℃
Main Functions		Rapid disassembly of tappet and runner
Types	PJC-100A Controller	PJC-100H Controller
Usage Param. and min. step	0.01-1000.00ms, 0.01ms	0.01-1000.00ms, 0.01ms
Dispensing Frequency	1-1000HZ	1-1000HZ
Discharge	TTT t iT	TET tnu iT
Parameter Ranges	10 sets	10 sets
Reserved Interface	Supporting 5TD, R5232/R5485 MODBUS RTU agreement	Supporting 5TD R5232/R5485 MODBUS RTU agreement
Dimensions (W*D*H)	5×187×287mm	270×160×220mm
Weight	3kg	4kg
Rated Power	215W	275W
AC Input	AC 220V $\pm 20\%$	AC 220V $\pm 20\%$
Main Functions		Valve body temperature monitoring and alarm function; error output
		heating status output; controller status output



