



## SP-N50

### Pneumatic Spray Valve

The SP-N50 is a high-frequency spray valve developed by SAEJONG IND, featuring air pressure-driven operation and precise control through a solenoid valve. This enables the non-contact spraying application of low-viscosity fluids, while offering three specifications to cater to diverse dispensing requirements.



**SP-N50**

SP-N50 Basic type



**SP-N50-B**

SP-N50-B Standard needles can be used and are highly interchangeable



**SP-N50-L**

SP-N50-L With an extended nozzle, plug-in 360° annular spraying can be achieved

### Features and Advantages

- Non-contact dispensing technology enables adaptation to a variety of complex surface dispensing processes.
- High precision solenoid valve control ensures stable working frequency of up to 300Hz, resulting in high production efficiency.
- Low pressure with high atomization effect reduces liquid flying and greatly improves spraying efficiency, leading to a 20%-30% reduction in liquid consumption.
- The flexible and adaptable collocation form meets the requirements for plane, inner hole spraying, and other dispensing processes.
- Important parts are made from special alloy steel material, ensuring long service life.

### Suitable for fluid type

Ink	Paint
UV adhesive	Lubricant
Epoxy resin	Passivation solution

### Application industry

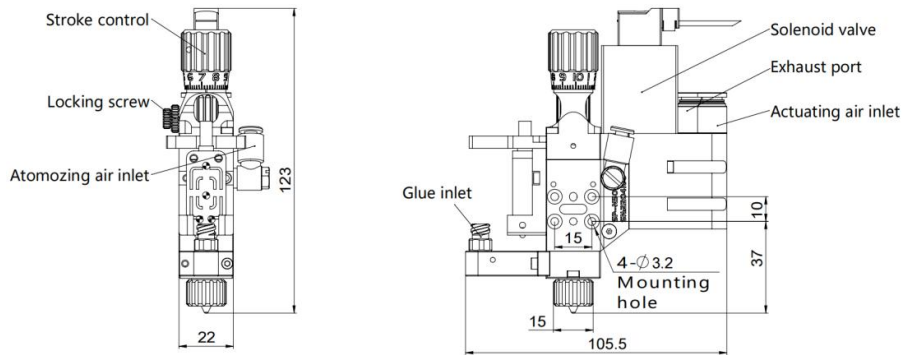
PCB board	Automotive industry
Packaging industry	Medical industry
Lighting industry	

## Performance parameter

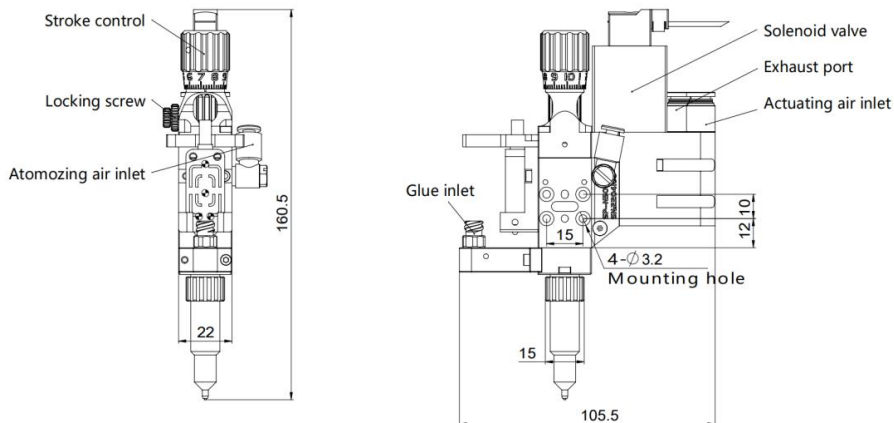
<b>Model</b>	SP-N50	<b>Size</b>	105.5*123*22mm
<b>Weight</b>	510g	<b>Viscosity range</b>	1-5000cps
<b>Frequency</b>	300Hz	<b>Spray width</b>	2-18mm
<b>Fluid pressure</b>	0.01-0.4MPa	<b>Actuating pressure</b>	0.3-0.8MPa
<b>Atomization pressure</b>	0.1-0.3MPa	<b>Control mode</b>	Solenoid valve
<b>Voltage</b>	24VDC	<b>Pulse time</b>	2ms

## Installation dimensions

### SP-N50



### SP-N50-B



### SP-N50-L

