

## SSV-EP450 Screw Valve

The SSV-EP450 is a precision screw valve developed by SAEJONG IND, designed to accurately distribute and deliver liquids. This product utilizes a motor to precisely control the rotation of the screw at specific angles and speeds, ensuring precise liquid distribution. It is suitable for dispensing applications involving fluids with a wide range of viscosities, from low to high.



### Features and Advantages

- The error of glue dispensing is kept within 1% by employing the metering conveying principle.
- The reverse suction function prevents glue from dripping or overflowing.
- Capable of accommodating fluids containing particulate matter.
- The structure is straightforward and facilitates effortless cleaning.

### Applications

Communication Electronics

Automobile Electronics

Medical Equipment

Semiconductor Packaging

Photovoltaic Lighting

New Energy Battery

### Performance Parameter

<b>Size</b>	74*245.5*28mm
<b>Weight</b>	380g
<b>Viscosity Range</b>	0-1000000cps
<b>Accuracy</b>	± 1%
<b>Minimum volume</b>	0.004ml
<b>Glue flowrate</b>	0.5-6.0ml/min
<b>Fluid pressure</b>	0-0.6MPa
<b>Maximum pressure</b>	2MPa
<b>Fluid inlet</b>	Luer taper
<b>Fluid outlet</b>	G1/8"
<b>Shell material</b>	POM/Stainless steel
<b>Stator material</b>	HDPE/VisChem
<b>Screw material</b>	Stainless steel
<b>Motor</b>	120rpm/18-24VDC
<b>Temperature</b>	10-40°C

### Installation Dimensions

