

# SV01S

## Precise coating for high viscosity materials without over spraying

Precision coating spray valve, SV01S, can apply materials with viscosity as high as 30,000 mPa · s. SV01S is ideally designed for applications of silicon, UV adhesive, or grease, which are likely causing splattering in dispensing.

Different type of nozzle and air can be used with the valve to optimize a spray pattern.



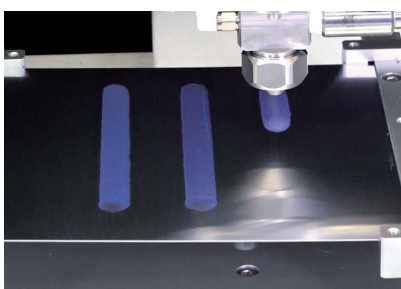
### Features

- Excellent spray control for high-viscosity materials up to 30,000 mPa · s
- Compatible uses for high viscosity materials such as silicon, UV materials, epoxies, or grease
- Controlled spraying without splattering
- SVC620S controller allows for easy nozzle air adjustment leading superior repeatability

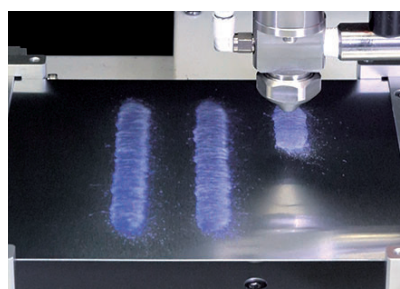
### Product specification

Size	φ26.9mm (Fluid body) x 105mm length
Weight	312g
Air cylinder body	SUS303
Piston needle	SUS303
Needle packing	SUS303、Teflon®
Fluid body	SUS303
Nozzle / air cap	SUS303
Fluid inlet thread	1/8NPT female
Valve operating air inlet thread	M5×0.8 female
Nozzle air inlet thread	M5×0.8 female
Mounting	M6×1 tap hole
Valve operating air pressure	0.4~0.62MPa
Maximum nozzle air pressure	0.5MPa
Maximum fluid pressure	0.7MPa

\* Fluid feeding part of stainless steel valve is passivation treated.

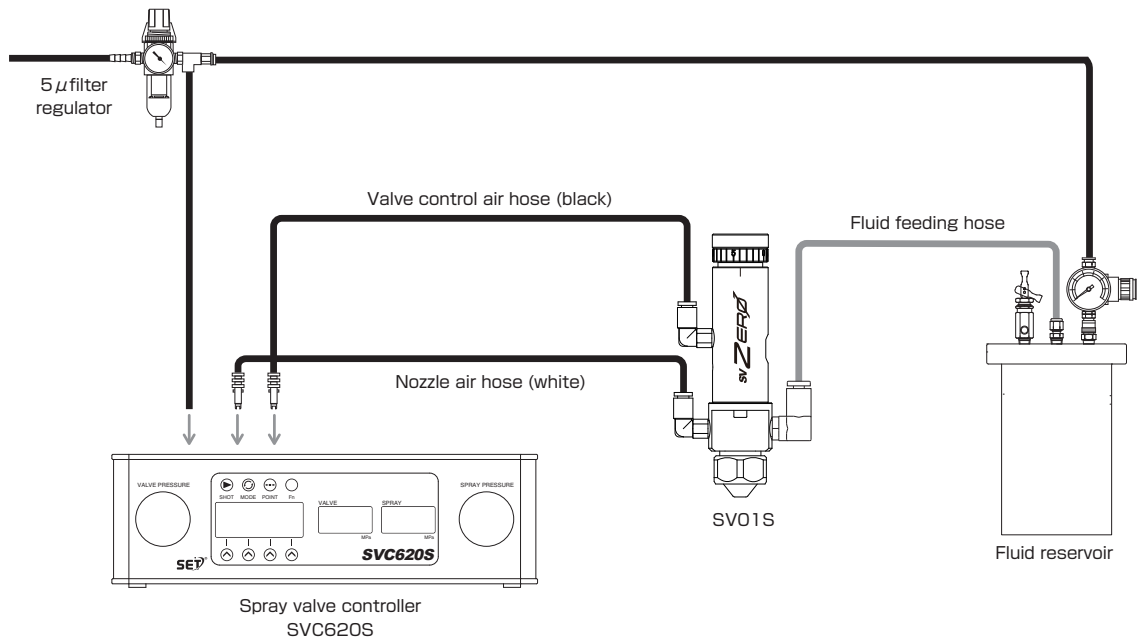


SV01S



conventional spray valve

# Precision spray valve system for high viscosity materials



## Dispensing controller SVC620S

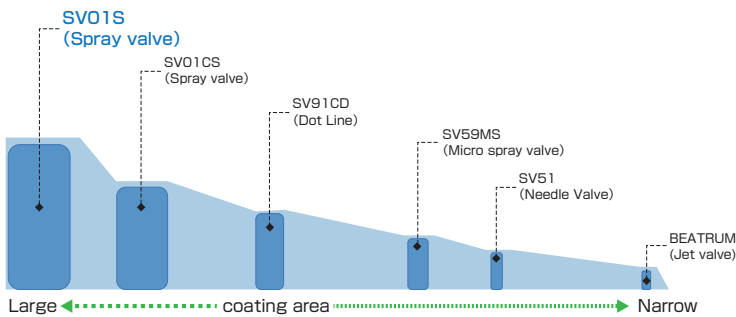
SVC620S, specifically used with SET spray valve, allows easy setting of nozzle air pressure and the delay for ON / OFF timing. Delay control function eliminates coating variability caused by fluid accumulation, which ensures superior productivity in process.

### Features

- Faster response time
- Consistent, precise spray control
- Nozzle air delay function allows for clean cutoffs



## Nozzle and Cap selection based on coating width



## lineup of coating valves

Valve type	Nozzle diameter	Nozzle type	Air cap type
SV01S-04	0.4mm	SV0106-04	SV0107-04
SV01S-07	0.7mm	SV0106-07	SV0107-07
SV01S-11	1.17mm	SV0106-11	SV0107-11
SV01S-07F	0.7mm	SV0106-07	SV0107-07F
SV01S-11F	1.17mm	SV0106-11	SV0107-11F



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