

# SV35DA

## Positive shut off enhances accuracy and consistency for medium to thick fluids

The SV35DA precision piston valve is designed to apply accurate, uniform dots and stripes of medium to thick fluids such as grease and silicone without mess or dripping. SV35DA features a unique UHMW polymer diaphragm sealing head that ensures long, trouble-free operation.

### Features

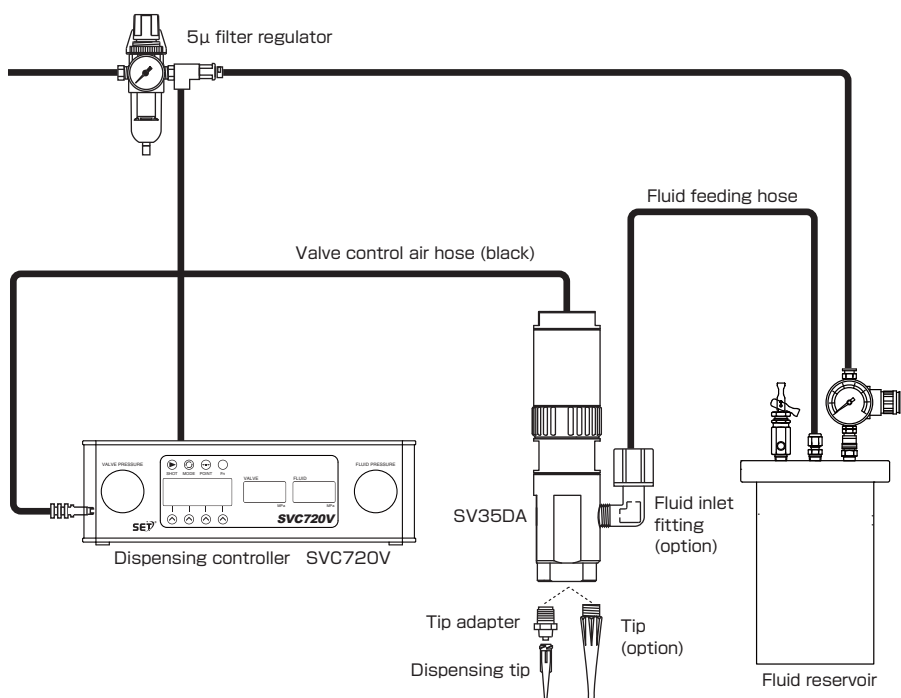
- Adjustable fluid flow control
- Positive shut off
- Excellent chemical resistance

### Product specification

Size	28.5mm (Fluid body) x 141.0mm length
Weight	379g
Fluid body and cap	SUS303
Sealing / Diaphragm	UHMW※
Fluid inlet thread	1/8 NPT female
Output thread	1/4 NPT female
Mounting hole	M8x1.25 female
Air pressure required	0.4 ~ 0.62MPa (4.0 ~ 6.2bar)
Maximum fluid pressure	0.7MPa (7bar)

※Ultra High Molecular Weight





## Dispensing controller SVC720V

Consistent, precise volume control for high precision dispensing valves



- Parameters can be fine-tuned by digital display
- Faster response time
- Stabilized by internal precision regulator

Dimension: W250×D139(177)×H76(78)  
 ( ) including protruding portion  
 Weight: 1.5kg  
 Air Input Requirement: 0.4 - 0.7MPa  
 Pressure setting range: 0~0.50MPa ( Valve operational air is more than 0.40MPa )  
 Power: DC24V ( VAC100-240 adapter )

## How the Valve Operates

Input air pressure forces the internal piston to move down, causing the diaphragm seal to deflect and the sealing head to open and permit fluid flow. When the input air pressure exhausts, the spring retracts the piston and the sealing head closes, stopping the fluid flow and pulling back a slight amount of fluid (Figure 1-2).

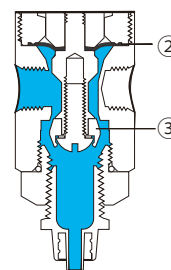


Figure 1

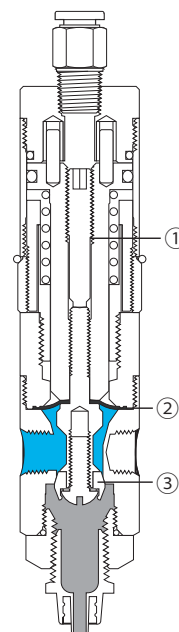


Figure 2



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