

# SV62-D

## Compact diaphragm valve for low to medium viscosity fluids

The SV62-D valve is specifically designed for precise dispensing low to medium viscosity fluids. SV62-D provides quick valve ON/OFF and the ability to rapidly obtain maximum flow rates which reduces turbulence and the formation of bubbles.

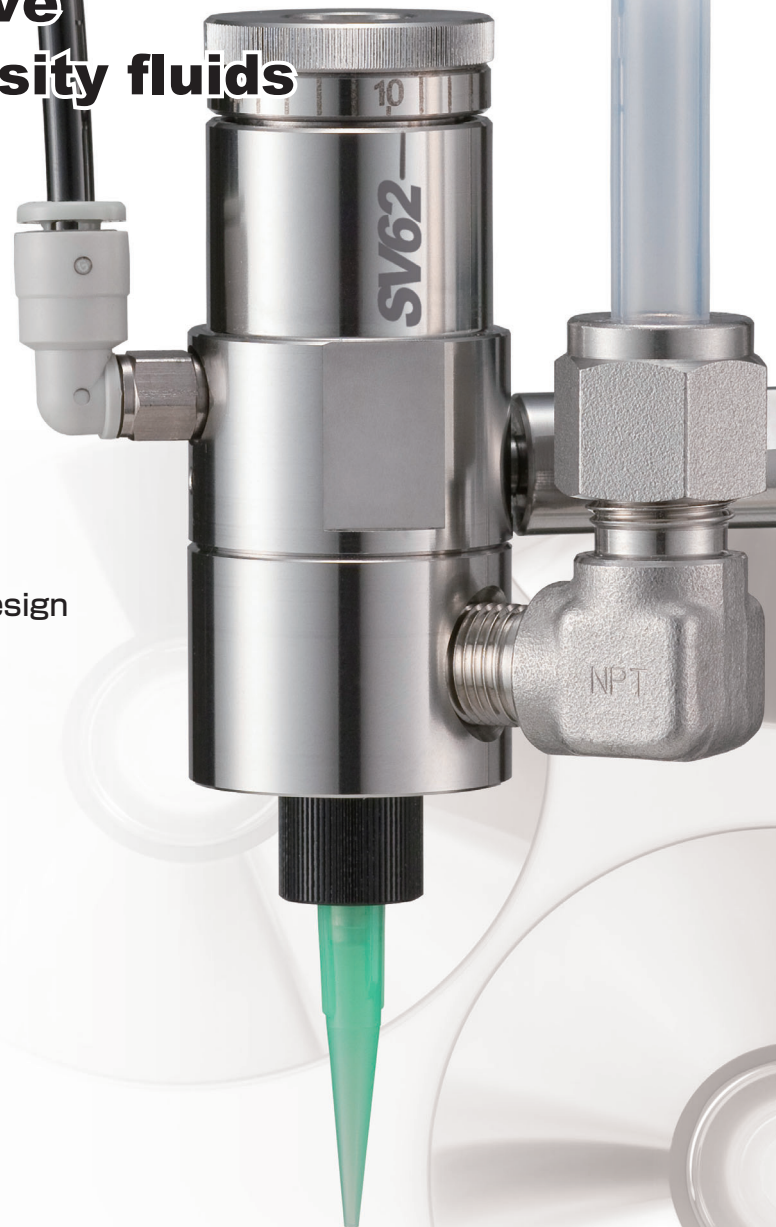
### Features

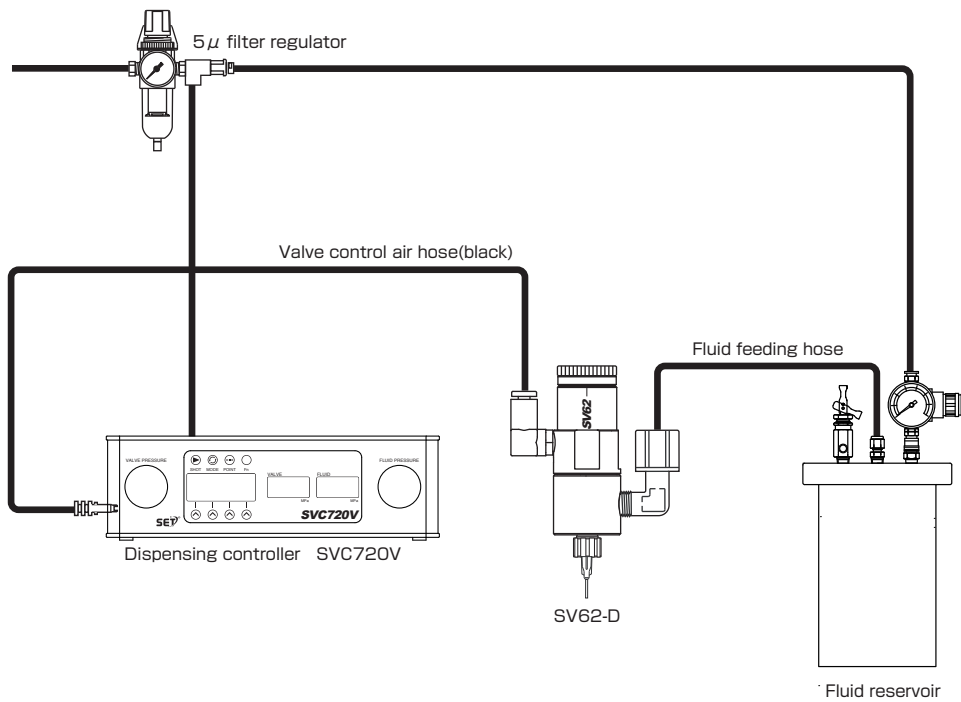
- Positive shutoff, no seals
- Compact, lightweight and low-maintenance design
- Fluid flow control is adjustable

### Product specification

Size	Φ26.9mm x 77.7mm length
Weight	212g
Air cylinder body	SUS303
Valve head	SUS303
Diaphragm	UHMW※
Mounting	M5×0.8 female
Valve operating air pressure	0.4~0.62MPa
Maximum fluid pressure	0.48MPa

※ 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: W250xD139(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 retracts the diaphragm seal, permitting fluid to flow. (Figure 1)

Once the cycle is completed, the spring retracts the piston and the diaphragm closes to shut off the fluid. (Figure 2)

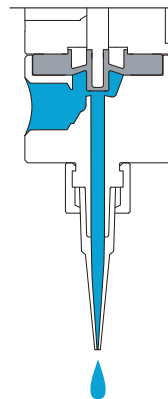


Figure 1

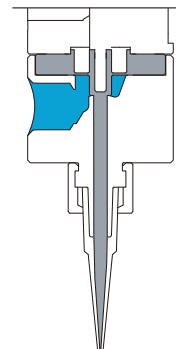


Figure 2

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