

SV62

Precision compact diaphragm for accurate flow control

The SV62 precision diaphragm valve is designed to dispense controlled amounts of low to medium viscosity fluids such as solvents, cyanoacrylates, anaerobics and fluxes without chemical reaction by isolating the fluid from the internal parts.

Features

- Compact size and lightweight for easy installation
- Fluid flow control is adjustable
- UHMW chamber suited for reactive material

Product specification

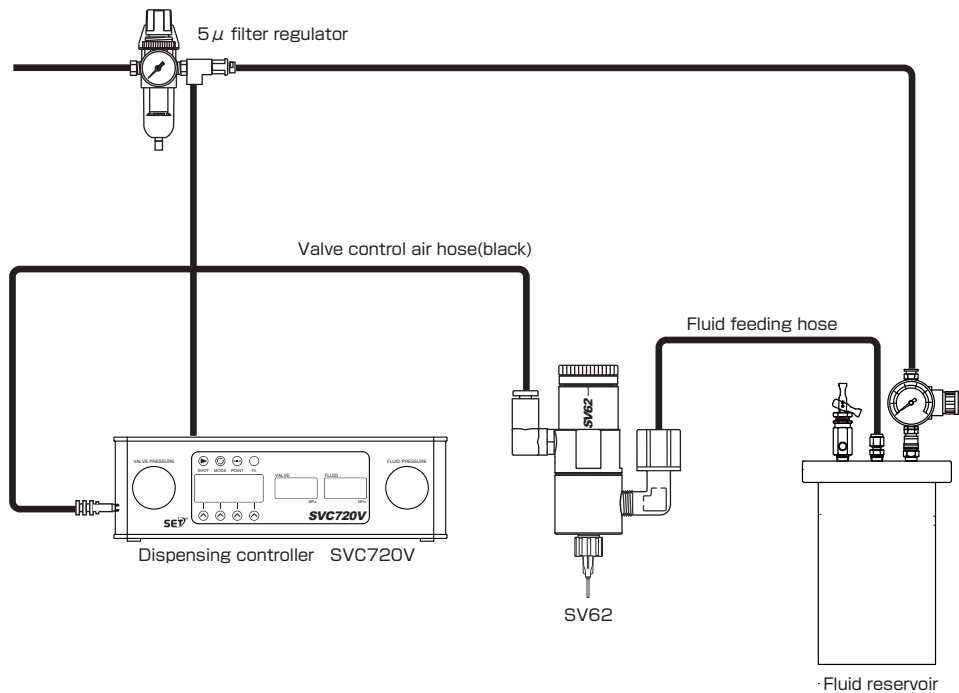
Size	φ26.9mm x 79mm length
Weight	154g
Air cylinder body	SUS303
Valve head	UHMW※
Tip adapter	Polypropylene
Diaphragm	UHMW
Mounting	M5×0.8 female
Valve operating air pressure	0.4~0.62MPa
Maximum fluid pressure	0.48MPa

※Ultra High Molecular Weight

Black head version for UV materials can also be available
Part number : SV62B Tip adapter : POM (black)
Valve head : UHMW (black)



SV62 precision diaphragm valve system



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 retracts the internal piston. The piston rod opens the diaphragm seal, permitting fluid to flow. When the input air pressure is relieved, the spring retracts the piston and the diaphragm closes (Figure1-2).

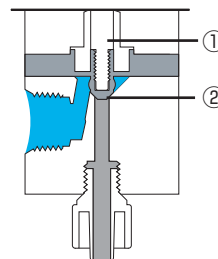


Figure 1

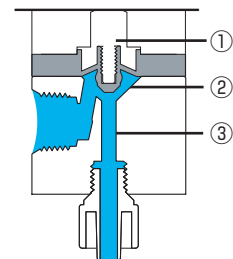


Figure 2



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