

SV35HF

Fast and accurate filling process for low to high viscosity fluids

The SV35HF piston valve is specifically designed to dispense consistent, repeatable volumes of low to high viscosity materials. SV35HF features a fast, clean cutoff that prevents dripping and drooling and excels in precision filling applications.

Features

- Pull-back movement for clean cut off
- Stainless-steel fluid chamber
- Low maintenance design

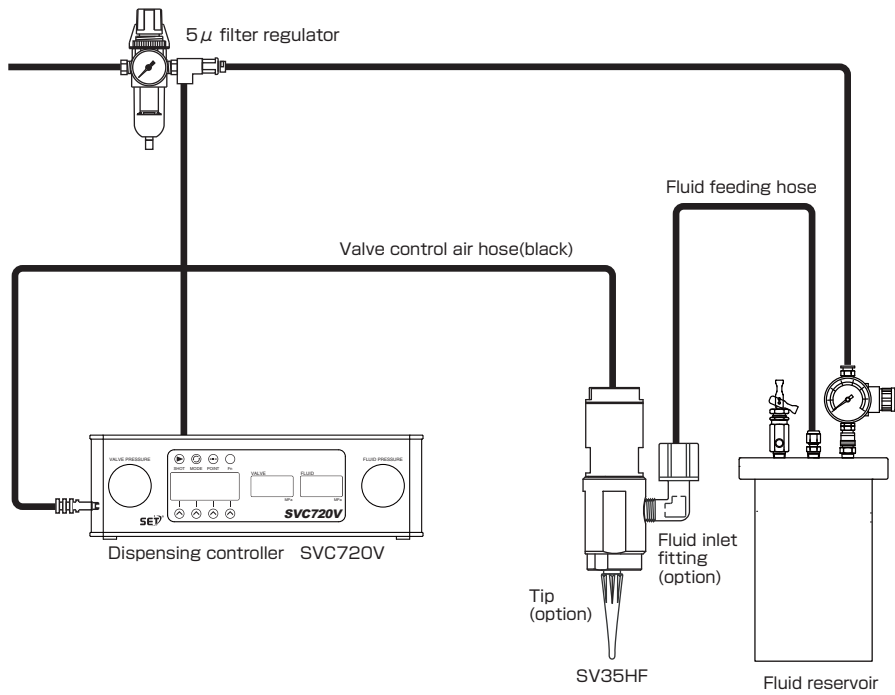
Product specification

Size	31.1mm (Fluid body) x 100.0mm length
Weight	333g
Shaft and sealing head thread	SUS303
Fluid body and cap	SUS303
Sealing / Diaphragm	UHMW*
Air cylinder body	SUS303
Fluid inlet thread	1/4 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



SV35HF high flow piston 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: 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 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).

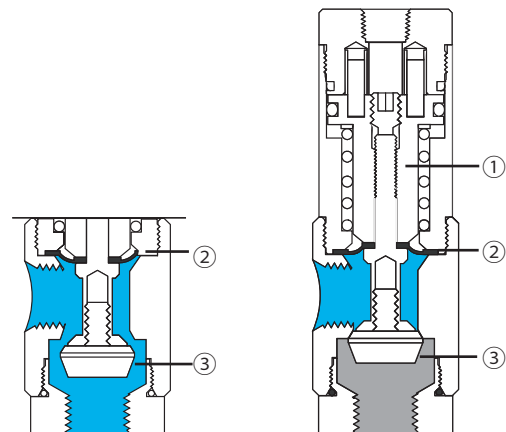


Figure 1

Figure 2



860.626.6700 | info@tridak.com

151 Ella Grasso Ave, Unit 1 Torrington, CT, 06790 USA

www.tridak.com

SAN-EI TECH LTD.

Head office; 7-1-15 Kashiwa Kashiwa-shi, Chiba 277-0005 Japan
Branch offices; Sendai, Nishi-Kanto, Kanagawa. Nagoya, Osaka

<http://www.san-ei-tech.co.jp/global/>