

SV47

High pressure spool valve for applying a neat bead of sealant and grease

SV47 is an air-operated, balanced spool valve for consistent dispensing of industrial sealants, silicones and greases at input pressures up to 17.2MPa.

Features

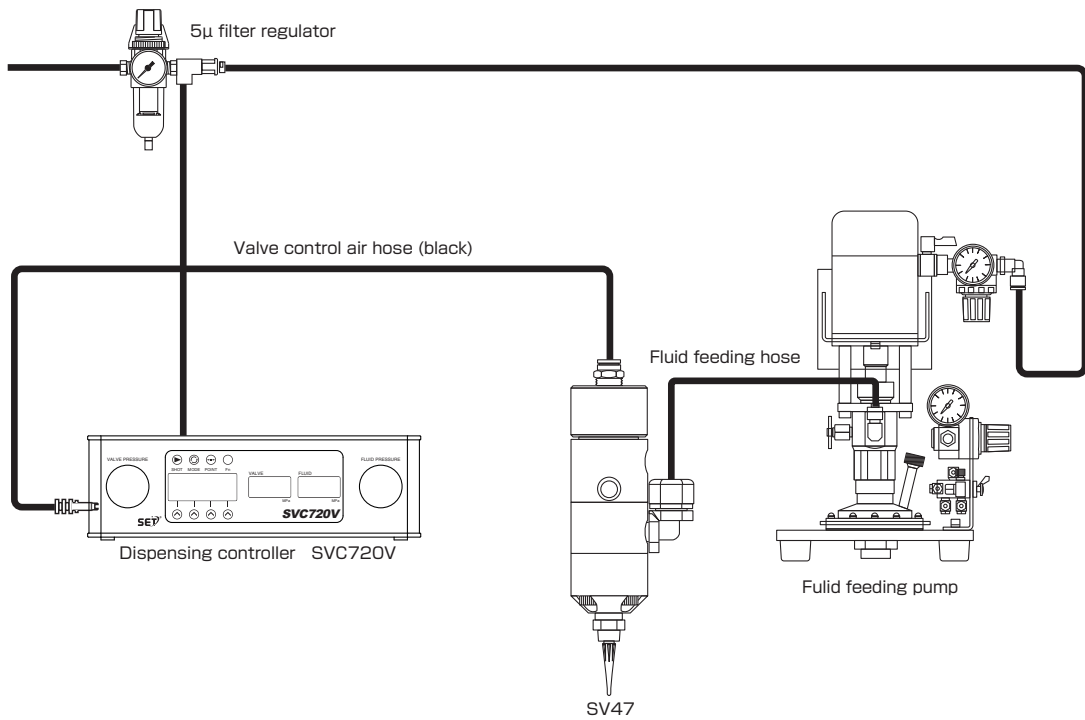
- Fluid input up to 17.2MPa
- Compact size and lightweight
- Simplified maintenance

Product specification

Size	φ 38.1 mm (Fluid body) X 135mm length
Weight	850g
Fluid body and cap	Stainless steel
Air cylinder cap	Stainless steel
Air cylinder cap	aluminium
Spool shaft	Stainless steel (hard chrome plate)
Upper / lower sealing and O-ring	UHMW*, EPDM
Fluid inlet port	3/8 NPT female
Fluid outlet port	1/4 NPT female
Air inlet port	1/4 NPT female
Auxiliary air inlet port	1/8 NPT female
Oil inlet port	1/8 NPT female
Air pressure required	0.48 ~ 0.62MPa
Maximum fluid pressure	17.2MPa

*Ultra High Molecular Weight





Dispensing controller SVC720V

Consistent, precise volume control for high precision dispensing valves



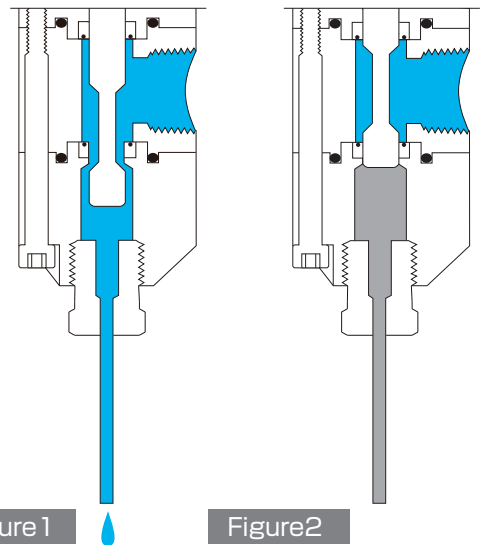
- Parameters can be fine-tuned by digital display
- Faster response time
- Stabilized by internal precision regulator

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 retracts the spool shaft, allowing fluid to flow. (Figure 1)

Once the cycle is completed, the spring returns the spool shaft back to its original position to shut off the fluid. (Figure 2)



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