

# SV22

## Direct Syringe Dispensing Valve

Syringe-fit SV22 Valve, installs in-line with syringe for important save spacing requirements. Designed for low-to-medium viscosity materials to accurately, repeatedly and consistently dispense small to medium volumes of process fluids. SV22 Valve greatly improves variations in dispense volumes related to Full-to-Empty conditions within direct Syringe Dispensing.

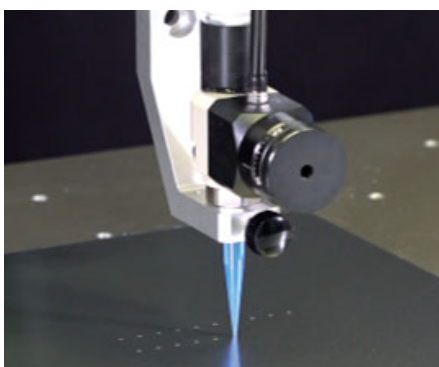
### Features

- Compact In-line direct syringe attachment.
- Solves dispense volume inconsistencies related to dispense volume changes in direct syringe dispensing
- Dispense path wetted parts constructed out of inert resin compatible to varied of applications with reactive materials.

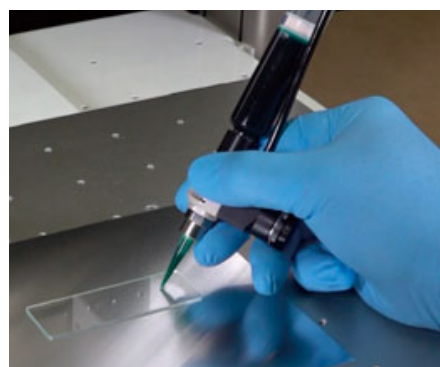
### Product Specification

size	W 20mm x D 50mm x H 52mm
weight	43g (Valve Alone)
Wetted parts	PEEK / PTFE / FFKM
Valve operating air pressure	0.4 ~ 0.62MPa
Maximum fluid pressure	0.5MPa
Fluid outlet	Lure lock for syringe mounting
Installation	Attached to syringe with syringe holder
Applicable nozzle	SET Needles

### Application

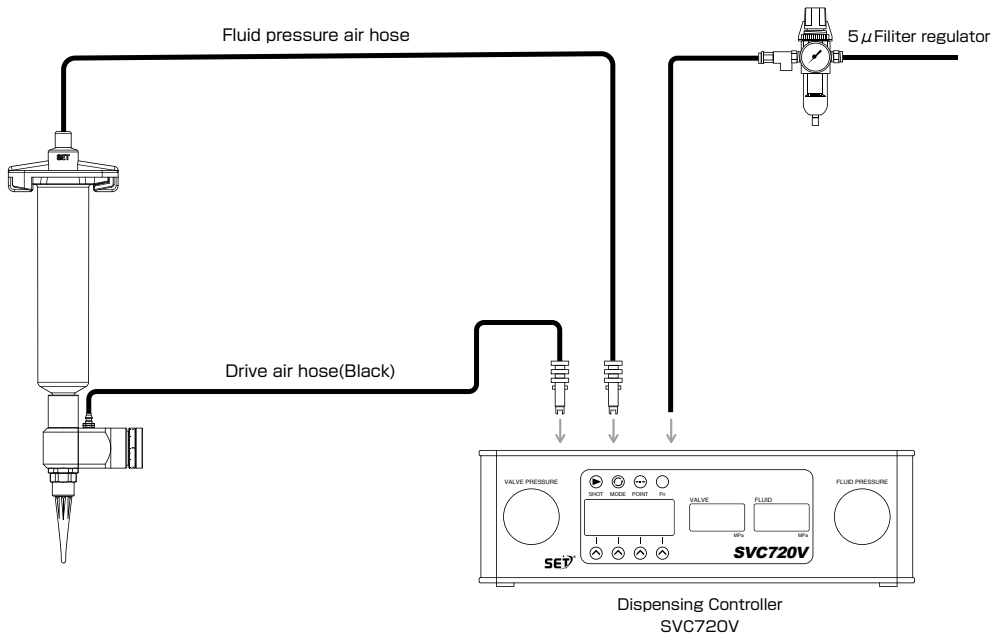


Installed on dispensing robot



Manual dispensing





### 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)



### Valve Operation

Dispensing fluid accurately controlled via "needle" design flow path through valve body. Needle stroke adjustment allows precise and incremental volume flow adjustability.

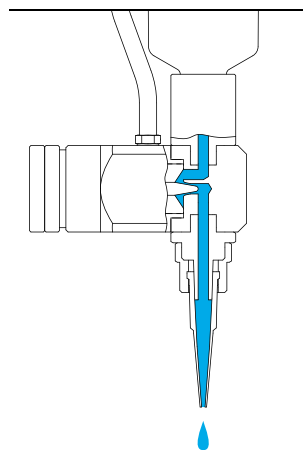


Figure 1

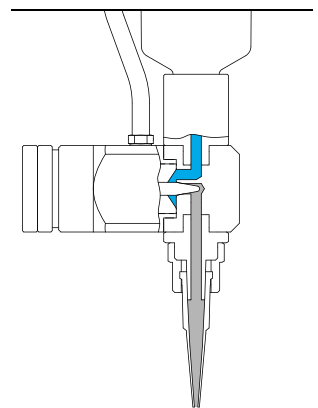


Figure 2

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