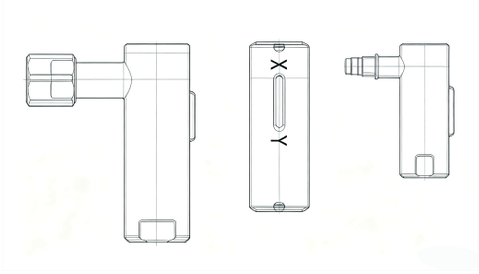
HTV-SC03/HTV-SC04
Dispensing Valve

H.O.T

Screw-type Dispensing Valve:







Working Principle:

The valve adopts a combined rotor and stator structure. Fluids are pushed forward by the rotor inside the sealed chamber. As the rotor continuously rotates in the stator, fluid flows steadily and uniformly from the inlet to the outlet under pressure, realizing stable fluid delivery.

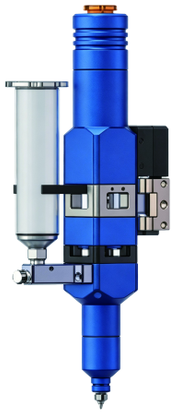
Accessories:

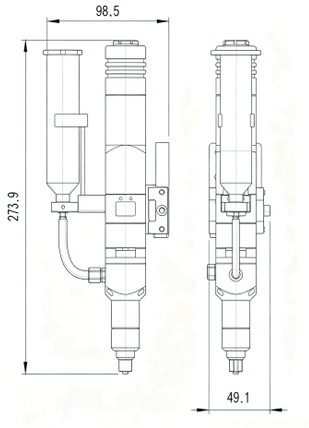
Multiple rotor and stator combinations are available to match process requirements for different dispensing volumes and efficiency levels.

Feature:

- Accuracy remains unaffected by fluid viscosity and output volume to realize fixed-quantity dispensing.
- Precise output for particle-filled fluids without damaging materials.
- Free forward and reverse rotation. Rotor rotation generates pressure to eliminate stringing after glue cut-off.
- Pulse-free glue output with constant dispensing volume.
- Simple structure, easy cleaning, disassembly and assembly.
- High dispensing control accuracy up to 3%.
- Applicable fluids viscosity: 0 ~ 1000000 cps.

Single-Liquid Plastic Screw Valve :





Specifications:

Applicable Fluid Viscosity:	0~8000000 cps
Applicable Fluid Types:	UV glue, solder paste, underfill, sealant, adhesive, silicone resin and other fluids
Rotor Material:	SUS304 Stainless Steel
Stator Material:	Fluororubber
Fluid Seal Ring Material:	PTFE
Applicable Needle Specifications:	Double spiral structured needles, custom needles

Feature:

- Adopts a special eccentric spiral structure to form a self-sealing fit between rotor and stator. Fluid output volume is proportional to rotational speed, unaffected by fluid viscosity, pressure and other factors.
- Adjustable forward and reverse rotation enables retraction function. Continuous rotor rotation inside the stator generates pressure to effectively eliminate tail stringing defects after dispensing cut-off.
- Repeat Accuracy: 3%
- Especially suitable for medium and low viscosity fluids.

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