

simple and smart



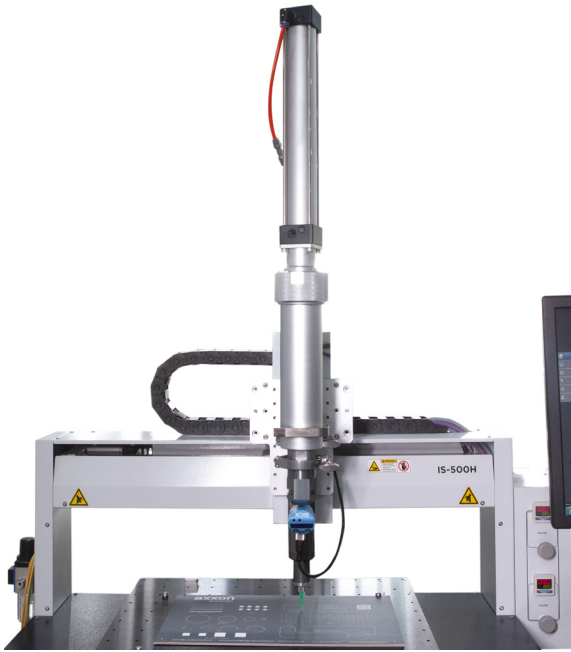
V-9000H Progressive Cavity Pump

Axxon V-9000H Progressive Cavity Pump is designed for compatibility with abrasive and high viscosity fluids. A servo motor with closed loop control offers a smooth flow rate and adjustable suck back for a clean end of dispense. An optional fluid pressure monitoring system will ensure proper fluid pressure is maintained over the full capacity of the fluid reservoir.

Feature and Advantage

- Continuous circulation pumping dispensing, self-sealing
- Closed-loop motion control for high repeatability
- Volumetric fluid delivery, no drooling
- Minimal changes for fluid compatibility
- Wide range of applicable fluids, adjustable flow rate
- Low shear stress, low pressure, do not affect fluid properties

V-9000H PCP pump



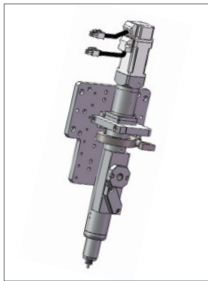
V-9000H PCP pump specification

Viscosity range	1 ~ 1000000cps
Max. Rotation speed	120r/min (thermally conductive silicone 30r/min)
Minimum dot size	1.30 mm
Max. Fluid pressure	1.8MPa
Operating environmental pressure	0 ~ 0.6MPa
Max. Volume flow	1320mL/min
Min. Volume	0.03mL

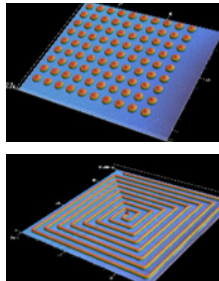
V-9000H PCP pump structure

Main chamber material	Aluminum alloy
Material of drive section	Stainless steel & aluminum alloy
Stator material	Rubber/VisChem
Rotor material	Hard alloy
Sealing component	PU / UHMWPE
Other sealing component	PTFE/NBR
Mounting hardware	Tall dovetail
Feeding mode	Cylinder feeding/cassette feeding
Drive mode	Servo motor + transmission

Specification	Dimension	Weight	Flow rate (ml/min)	Minimum volume	Repeatability
0.3cc/r	862.2x196.5x160 mm	-4750g	0.3 ~ 36.0 mL/min	0.03mL	±1%
			0.3 ~ 9.0 mL/min (thermally conductive silicone)		
0.6cc/r	862.2x196.5x160 mm	-4750g	0.6 ~ 72.0 mL/min	0.06mL	±1%
			0.6 ~ 18.0 mL/min (thermally conductive silicone)		
1.1cc/r	866.2x196.5x160 mm	-4750g	1.1 ~ 132.0 mL/min	0.11mL	±1%
			1.1 ~ 33.0 mL/min (thermally conductive silicone)		



Low viscosity version



Application

- Optical communication industry
- BGA component packaging
- LCD, LED component assembly
- PCB surface electronic component soldering
- Camera, voice coil and sensor module packaging
- Bead dispensing, sealing, casting sealing and other micro-dispensing

Compatible Fluids

- Thermally conductive fluids
- Lubricants, glue catalysts, solvents
- Solder paste
- Grease
- Epoxy
- Cosmetics & Pharmaceutical

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Please feel free to contact us if you have further inquiries
Published in Mar. 2024

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