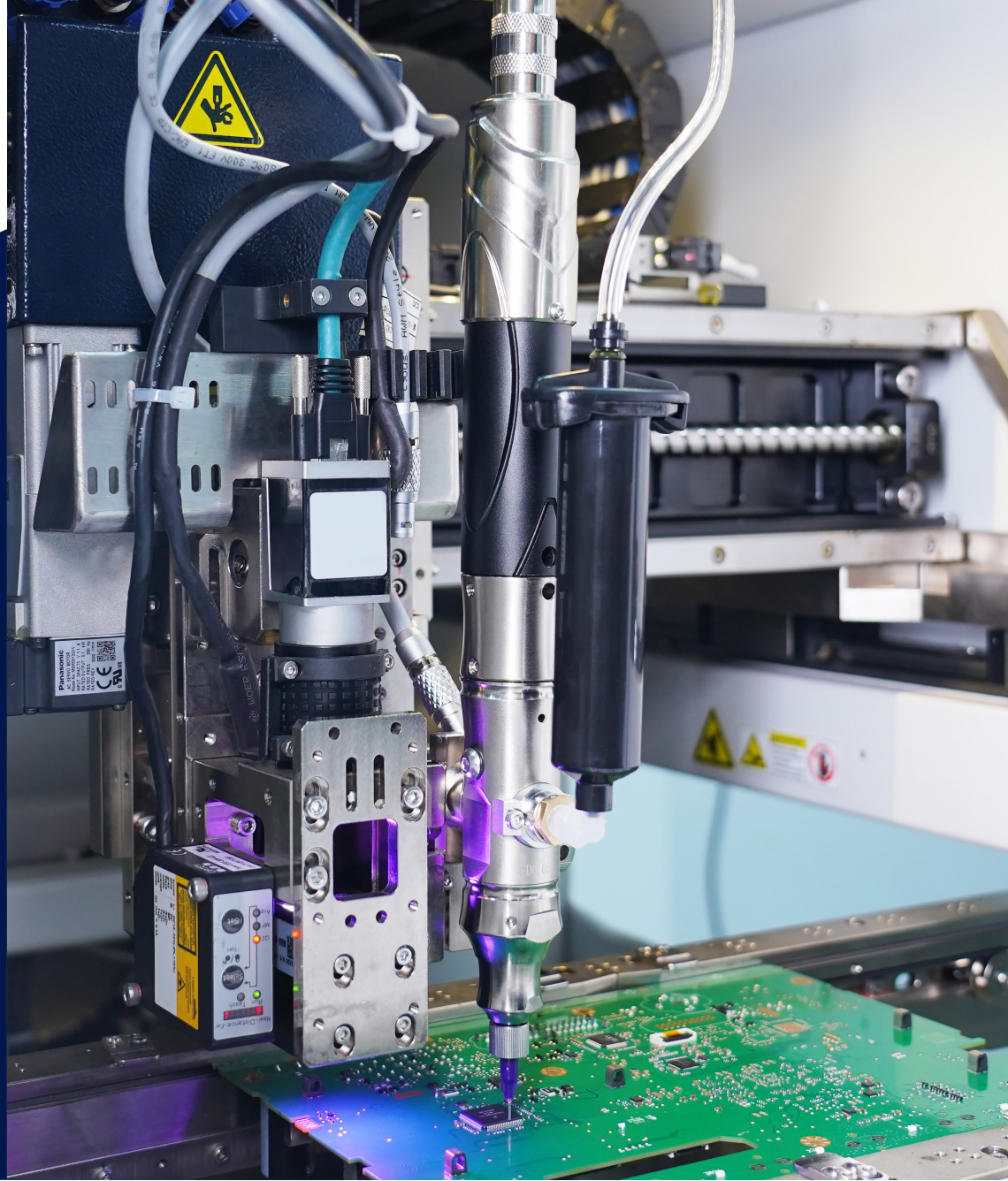


simple and smart



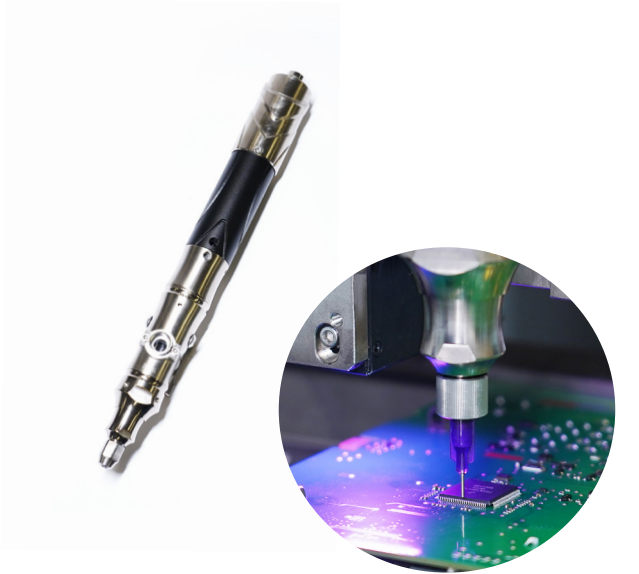
V-9000 1K Progressive Cavity Pump

Axxon V-9000 Progressive Cavity Pump is a continuously volumetric dispense pump. Utilizing a precision manufactured rotor and stator results in outstanding repeatability and long term use over a wide range of fluids. The DC motor controls forward and reverse motion of the rotor for controlled dosing and suck back. Progressive Cavity technology is the highest level of precision for all industries.

Feature and Advantage

- Long term stability and repeatability
- Volumetric reverse for a clean dispense and no drooling
- Flow rate is easily adjusted to meet process requirements
- Precision dosing control for uniform geometry of a continuous bead or area fill
- Sealed system does not drip, even with water under pressure

V-9000 1K PCP pump structure diagram



V-9000 1K PCP pump specification

Viscosity range	1 ~ 1000000cps
Max. rotation speed	120r/min
Min. dot diameter	0.15 mm
Max. fluid pressure	2MPa
Operating Environmental pressure	0 ~ 0.6MPa
Max. volume flow	60mL/min

V-9000 1K PCP pump structure

Main chamber material	Aluminum alloy
Material of drive section	Stainless Steel & Aluminum Alloy
Stator material	Chemical And Abrasion Resistant Rubber
Rotor material	Ceramic & Metal & Rubber
Sealing component	FFKM & PTFE & UPE Variseal
Feeding mode	Cylinder feeding/Tank feeding
Mounts	Dovetail groove type

Rotor specification(cc/r)	Dimension(mm)	Weight(g)	Fluid Input	Flow volume (ml/min)	Min. volume (ml)	Accuracy
0.005	L309, φ35	396	G1/4	0.005-0.6	0.0005	±1%
0.015	L309, φ35	396	G1/4	0.015-1.8	0.0015	±1%
0.05	L300, φ35	402	G1/4	0.05-6	0.005	±1%
0.15	L330, φ35	410	G1/4	0.15-18	0.015	±1%
0.5	L330, φ35	410	G1/4	0.5-60	0.05	±1%



C-200B1 controller

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

- Methyl methacrylate
- Acrylic ester
- UV adhesive
- Adhesives
- Sealants
- Cosmetics & Pharmaceutical



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