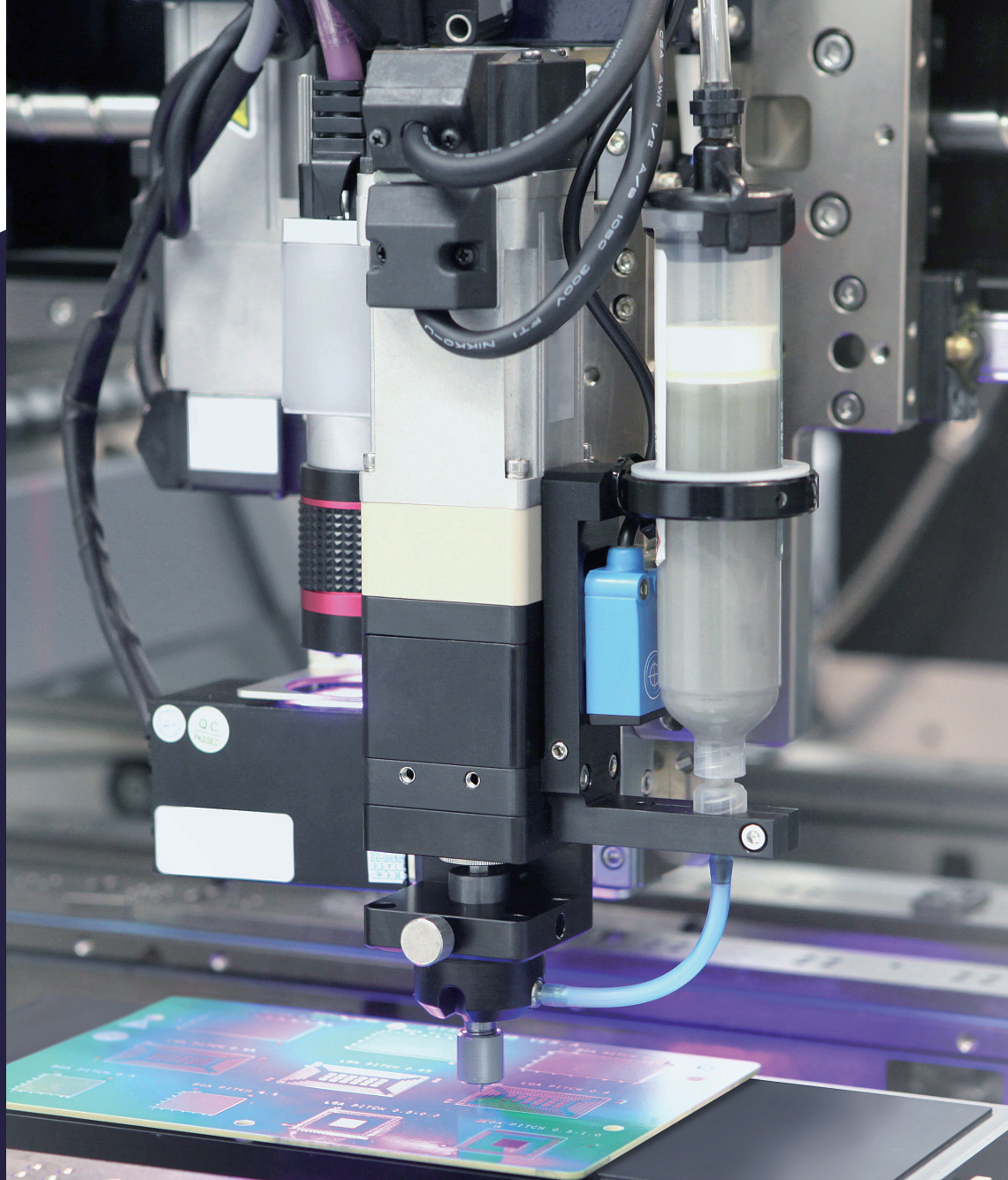


simple and smart



Axxon V-8000S Auger Valve is designed for high viscosity and abrasive fluids. It utilizes configurable auger and cartridge assemblies to be compatible with a wide range of fluids and shot sizes. The servo motor drive allows for precision control of forward and reverse (suck back) motion for the auger.

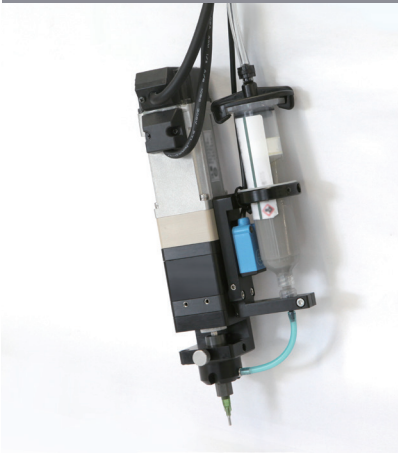
V-8000S Auger Valve

Features and Advantages

- Closed loop control, high level of repeatability
- Modular structure, easy to use and maintain
- Wide range of fluids, adjustable flow rate
- Different configurations for fluid and process requirements
- Equipped with low level detect
- Adjustable forward and reverse speed and time. Consistent start and stops.

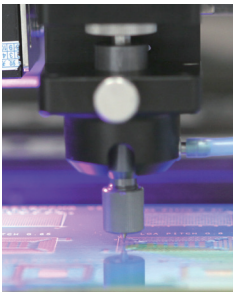
V-8000S auger valve

V-8000S auger valve specifications

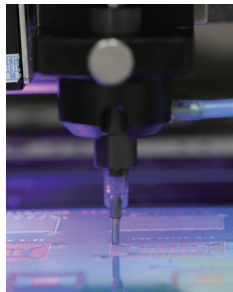


Viscosity range	5000cps-100000cps	
Max.rotation speed	2000r/min	
Min.dot diameter	0.25mm	
Max.fluid pressure	90psi	
Valve body structure	Auger type	
Driving part	Stainless Steel	
Wetted Parts	Auger	Carbide
	Cartridge	Carbide
Fluid input	Luer	
Mounting Interface	Dovetail groove fixed seat	
Dimensions	220.5mm×89mm×51mm	
Weight	900g	

Specifications	Cartridge	Nozzle specification	Recommended application	Note
Φ1.0	High precision (4 mm/6 mm Feed Tube)	0.1 (for silver paste) , 0.13	Solder paste (Type5-6), silver paste and other mixed fluids	High precision
Φ2.0	High precision (4 mm/6 mm Feed Tube)	0.2, 0.25	Solder paste (Type4-6), silver paste and other mixed fluids	High precision
Φ2.6	High precision (4 mm/6 mm Feed Tube)	0.3, 0.4, 0.5, 0.6, 0.8	Solder paste (Type4-6), silver paste and other mixed fluids	Precision
Φ3.2	Standard (6 mm Feed Tube)	Plastic holder stainless steel/All stainless steel/precision needle	Medium to high viscosity fluids	Needle replaceable
Φ4.8	Standard (8 mm Feed Tube)	0.8, 1.2, 1.5	Medium to high viscosity fluids	Mass flow



Precision nozzle



Stainless steel needle
with plastic seat

Application

- Optical communication industry
- BGA component
- LCD, LED component assembly
- PCB surface electronic component soldering
- Camera, voice coil and sensor module packaging

Compatible Fluids

- Solder paste
- TIM
- Grease
- Silver paste



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

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