

SNIPER^{SERIES} SS100D

DUAL CARTRIDGE HIGH PRECISION SCREW DISPENSING VALVE SYSTEM

The **SS100D Dual Cartridge High Precision Screw Valve** features a customized brushless servo motor drive delivering high torque efficiency. Its precision eccentric screw assembly ensures **exceptional dispensing accuracy** with simplified maintenance.

Compatible with AB adhesives, epoxy resins, and other **two-component dispensing processes**.



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Authorized Distributor:



FEATURES

- ✓ **Minimum Control:** 0.005ml minimum dot volume.
- ✓ **Precision:** Eccentric screw assembly for accurate ration distribution (1:1 to 10:1 ration)
- ✓ **High Speed Volume:** (0.01ml + 0.01ml)/seconds maximum operation.
- ✓ **Material Versatility:** Handles fluids up to 200,000 cps.
- ✓ **Consistent Performance:** ±0.3 ~ 2% dispensing accuracy.
- ✓ **Easy Maintenance:** Simplify structural design for easy assembly and disassembly.
- ✓ **Extended Lifespan:** Replaceable screw components.
- ✓ **Seamless SNIPE Series Compatibility**
 - ❑ Unified **Geometry Sketch™** software interface
 - ❑ All process recipes are **directly transferable to S300BT and S400 systems**

ADVANCED FEATURES

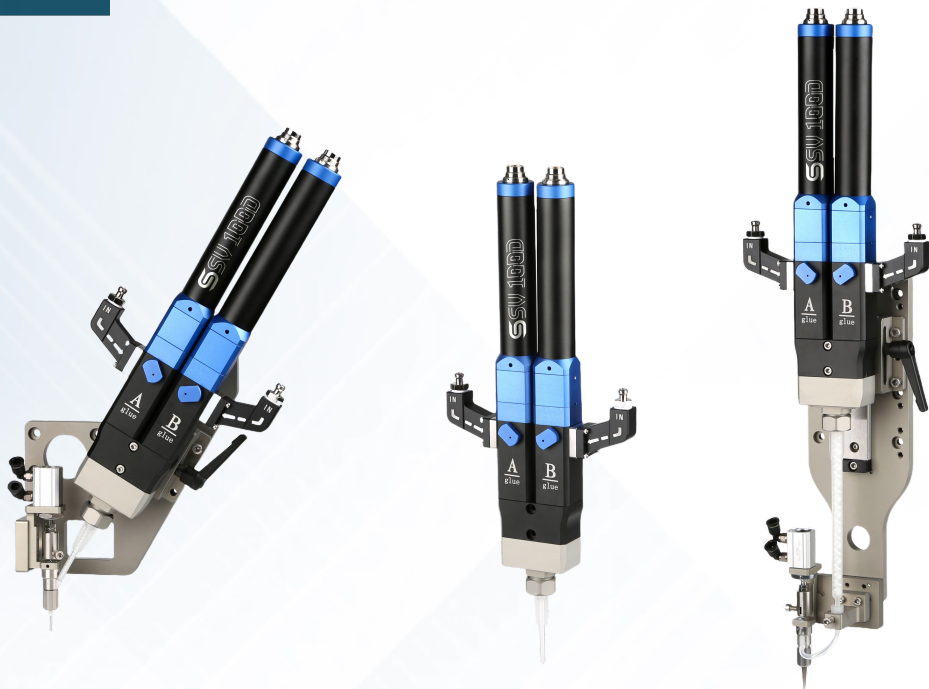
- ★ **Cross-Platform Recipe Compatibility**
 - ✓ Reduces process validation time with seamless recipe transfer between S300BT (benchtop) and S400 systems
- ★ **Exceptional stability and fast** (Max: 0.01ml + 0.01ml / seconds)
- ★ **Touchscreen interface** for easy operation

APPLICATIONS

- ✓ Automotive electronics manufacturing
- ✓ Optoelectronics component manufacturing
- ✓ Display manufacturing
- ✓ Communication industry applications

MATERIALS

- ✓ AB adhesives materials
- ✓ Epoxy resins
- ✓ Two component materials



SPECIFICATIONS

SSV100D Screw Valve

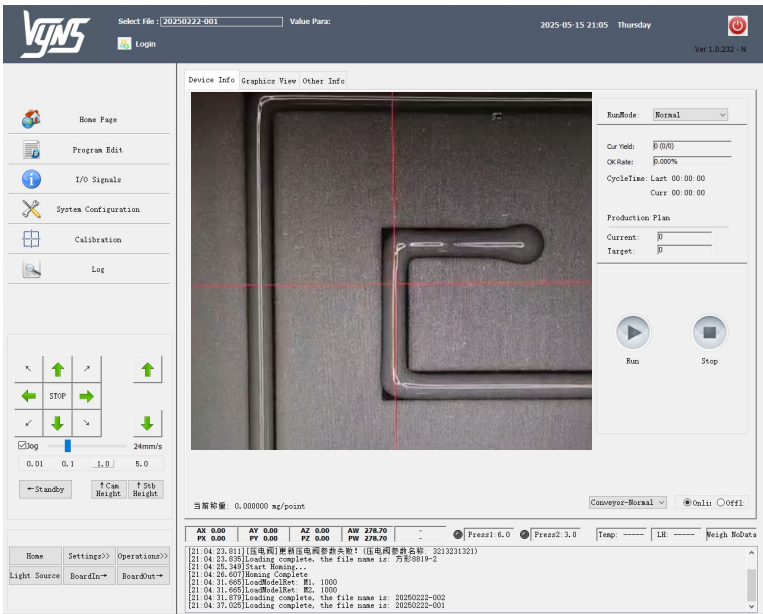
Parameter	Specification
Dispensing Method	Contact Dispensing
Fluid Viscosity Range	0 – 200,000 cps
Accuracy	±0.3-2%
Mixing Ratio	1:1 ~ 10:1
Mixing Method	Static mixing
Displacement	(0.01+ 0.01)ml / Rotation
Minimum Output	0.005ml
Maximum Speed	0.02ml/s
Valve Weight	2000g
Dimensions	156mm (L) × 31mm (W) × 320mm (H)

SSC200 Controller

Parameter	Specification
Control Method	MCU-based Electronic
Power Supply	AC220V/50Hz, 240W
Air Pressure	0.1 ~ 0.8 Mpa
Weight	3.5kg
Dimensions	203mm (L) × 120mm (W) × 135mm (H)

Why Choose the SNIPE SS100D Series?

- ✓ **Zero Transition Risk** – 100% recipe compatibility with production S300BT and S400 systems
- ✓ **Lab-to-Factory Continuity** – Eliminate revalidation when scaling up
- ✓ **Cost-Effective Precision** – Less investment cost for high precision micro dispensing application
- ✓ **Intuitive Operation** – <1 hour training curve for new users



 **Works with
Geometry Sketch™ Software**

S300BT



S400



Complete Solutions Available

SS100D + S400 = High-volume production
SS100D + SB300BT = Prototyping/testing