

SNIPER^{SS100T} SERIES

DYNAMIC MIXING HIGH PRECISION SCREW DISPENSING VALVE SYSTEM

The **SS100T Eccentric Dual Cartridge Dynamic Mixing Precision Screw Valve** features a customized brushless servo motor drive delivering high-torque efficiency.

With **0.1cc displacement** and precision eccentric screw assembly, it ensures **exceptional dispensing accuracy**. Compatible with AB adhesives, epoxy resins, and **two-component material dispensing processes**.



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Authorized Distributor:



FEATURES

- ✓ **Minimum Control:** 0.005ml minimum dot volume.
- ✓ **Dynamic Mixing:** 500 Rotation/ min mixing with ultra high homogeneity.
- ✓ **Precision:** Eccentric screw assembly for accurate ration distribution (1:1 to 10:1 ration)
- ✓ **High Speed Volume:** (0.05ml + 0.05ml)/seconds maximum operation.
- ✓ **Material Versatility:** Handles fluids up to 200,000 cps.
- ✓ **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 formulation



SPECIFICATIONS

SSV100T Screw Valve

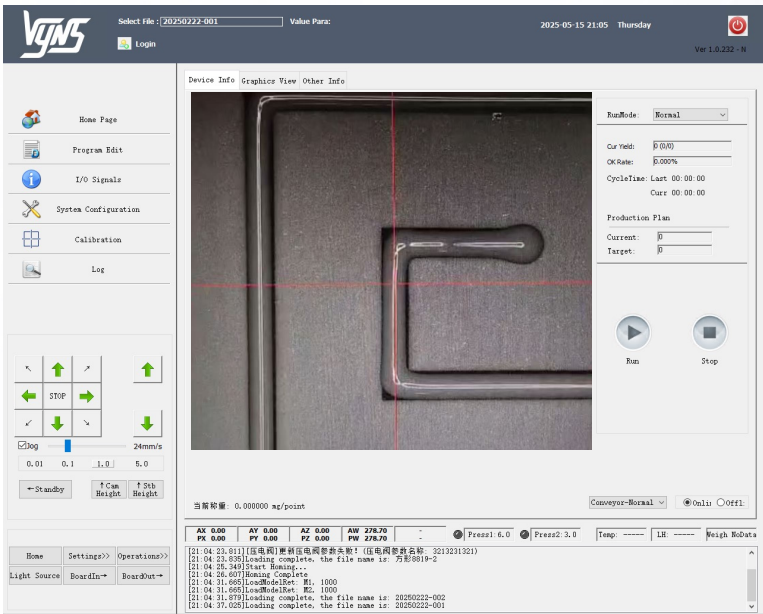
Parameter	Specification
Dispensing Method	Contact Dispensing
Fluid Viscosity Range	0 – 200,000 cps
Accuracy	±0.3-2%
Mixing Ratio	1:1 ~ 10:1
Mixing Method	Dynamic mixing (500 Rotation / Min)
Displacement	(0.05+0.05)ml / Rotation
Minimum Output	0.005ml
Maximum Speed	0.1ml/s
Valve Weight	2000g
Dimensions	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

SS100T + S400 = High-volume production
SS100T + SB300BT = Prototyping/testing