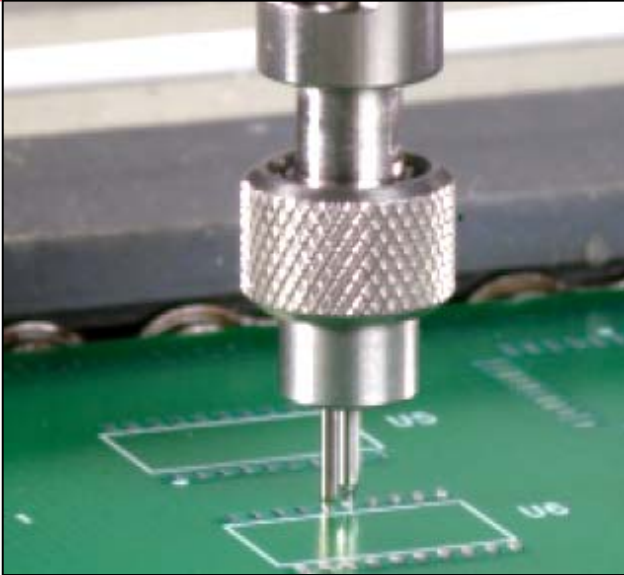




**WHERE
PRECISION
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PRODUCTION**



VALVE SPECIFICATIONS

Dimensions:

167 mm x 72 mm x 56 mm
(6.5 in x 2.8 in x 2.2 in)

Weight:

12.8 oz (0.36 kg)

Viscosity Range:

25,000 cps – Paste

Encoder Resolution:

57,000 counts per revolution

Minimum Shot Size*:

0.005" (0.13 mm) diameter

Maximum Inlet Fluid Pressure:

100 psi

Auger Material:

Carbide

Valve Drive System:

Servo Motor

SVX SERVO CONTROLLED AUGER VALVE

The SVX auger valve is designed for processing micro volumes of material in precise, repeatable patterns. The auger rotation is controlled by a brushless servo motor with a programmable encoder providing 57,000 counts per revolution for a highly controlled process.

The SVX is ideal for dispensing all medium to high viscosity pastes, epoxies, and abrasive compounds in dot and bead patterns. The SVX can dispense dots as small as 0.005" in diameter*.

The SVX has many integrated features including:

- ▲ Fixed or floating dispense tip with footed needle
- ▲ Virtually frictionless operation as auger and cartridge are constructed of carbide
- ▲ Quick release button releases pump from mounting bracket for quick maintenance and storage
- ▲ Selectable auger from shallow to deep cut design
- ▲ Removable cartridge and auger for easy cleaning and storage
- ▲ Software controlled dispense rate and shot size

For more information on PVA's dispensing capabilities, please contact one of our sales representatives at (518) 371-2684.

The SVX auger valve is suitable for integration onto all PVA robots, including:

PVA3000	Automated dispensing system
PVA850	Vision-based automated dispensing system
PVA650SMT	Vision-based automated dispensing system
PVA650	Automated dispensing system
PVA350	Benchtop dispensing system
PVA250	Benchtop dispensing system



* Material dependent

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