



SV200
SERVO CONTROLLED VALVES

POLY DISPENSING SYSTEMS
S Y S T E M E S D E D O S A G E I N D U S T R I E L

Servo-Controlled Auger Valve

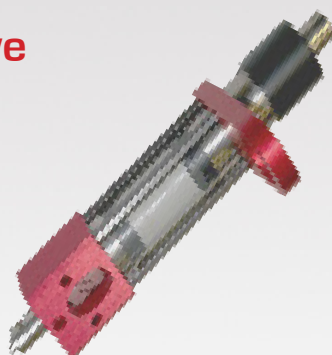
Advantages

- Part in contact with the stainless steel fluid.
- Motor speed (screw rotation) adjustable.
- Simple, fast to install device, quick calibration
- No dead volume in the valve
- Minimum accuracy see more or less 3%
- Adjustable drop-by-turn reversal at the end of the cycle.
- Potential rate: 400 cycles / min.



Compatible products

Coatings / Liquid greases /
Marking inks / Lubricants
- oils / Silicones / Solvents
- Alcohol / Adhesives / Inks -
paints / Activators, flux



SV200

The SV200 Auger Valve is ideal for dispensing 2-part, premixed epoxies and pastes in dot and bead patterns.

The SV200 can dispense dots as small as 0.020" in diameter and features a quick release to separate the motor image assembly from the auger for easy cleaning of entire fluid path. The SVC100 Servo Controller provides customized valve settings for handheld or automated applications.

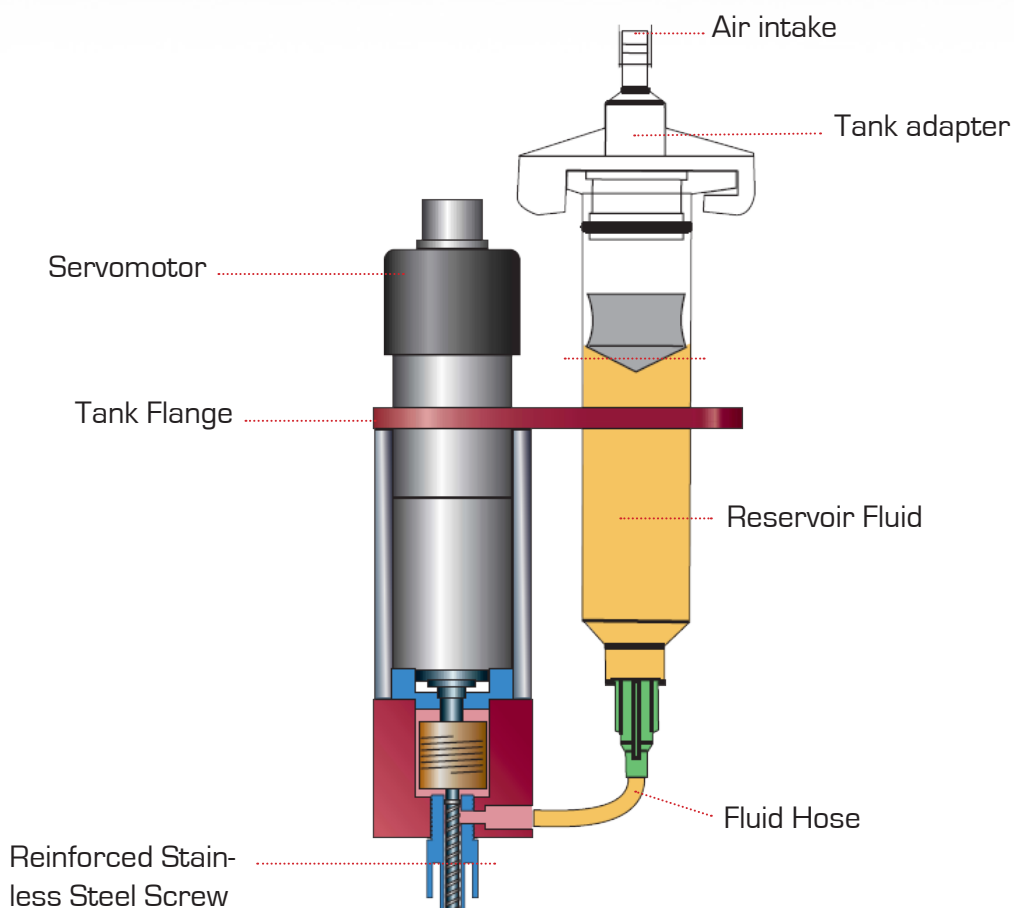
The SVC100 Controller operates the SV200 valve with programming of the motor speed to the dispense valve, air pressure to the pre-packaged syringe, and a variable auger reverse time for clean cycle stops. It is equipped with a foot pedal for handheld processes.

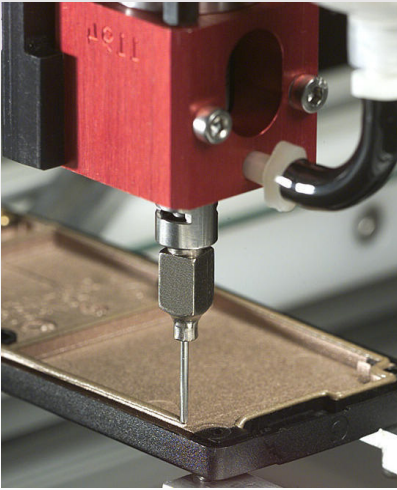
The SV200 has many integrated features including:

- The choice of an 8 or 16 pitch carbide auger for custom profiles
- 3, 5, 10, or 30 cc syringe barrel inserts
- Quick release for easy cleaning image
- Disposable feed tube connects syringe to the fluid body
- Virtually zero dead space within the valve design
- Field maintainable design
- 24V DC servo motor drive with optional encoder to provide displacement feedback
- Adjustable auger speed and reverse motion for clean cycle stops

Characteristics

Dimensions	139.7 mm x 69.22 mm x 25.56 mm (5.5 in x 2.73 in x 1.40 in)
Weight	9 oz (0.26 kg)
Viscosity Range	25,000 cps – Paste
Minimum Shot Size (Filled Material)	0.020" (0.5 mm) Dots
Maximum Inlet Fluid Pressure	100 psi
Auger Material	Carbide
Auger Motor	24V DC Servo Motor
Certifications	CE, RoHS





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Our collaborators and sales engineers all have a strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need.

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