



WHERE
PRECISION
DRIVES
PRODUCTION



SYSTEM SPECIFICATIONS

SV100 DISPENSE VALVE

Dimensions:

139.70 mm to 69.22 mm x 29.21 mm
(5.5 in x 2.725 in x 1.15 in)

Weight:

9 oz

Viscosity Range:

25,000 cps - Paste

Minimum Shot Size (Filled Materials):

0.020" (0.5 mm) Dots

Maximum Fluid Inlet Pressure:

100 PSI

Auger Material:

Stainless Steel

Auger Motor:

24 VDC Servo Motor

SVC100 CONTROLLER

Dimensions:

241 mm x 168 mm x 70 mm
(9.50 in x 6.63 in x 2.75 in)

Weight:

5 lbs. (2.28 kg)

Power:

Input Voltage 115/230 VAC

Internal Voltage 24VDC

Air:

Input Max 100 PSI (6.9 bar)

Output 1-100 PSI (0.1-6.9 bar)

Repeat Accuracy:

0.5 ms (0.005 sec)

Time Setting Accuracy:

+/- 0.5%

Certification:

CE certified

SV100 / SVC100

AUGER VALVE DISPENSE SYSTEM

The SV100 is ideal for dispensing all medium to high viscosity pastes, epoxies, and abrasive chemistries in dot and bead patterns. Achieve dots as small as 0.20 inches in diameter when processing filled materials with the SV100. A dedicated servo controller, the SVC100, permits customized valve settings for handheld or automated applications.

The SVC100 is a standalone controller utilized for operation of the SV100. The SVC100 can be operated in handheld or automated applications. This highly functional control system allows for programmable motor speed to the dispense valve, air pressure to a pre-packaged syringe, and an adjustable auger reverse time for clean cycle stops. The SVC100 comes equipped with a foot pedal actuator for handheld processes.

The SV100 has many integrated features including:

- ▲ The choice of an 8, 16, or 32 pitch stainless steel auger for custom dispensing characteristics
- ▲ 3, 5, 10, or 30 cc syringe barrel holder
- ▲ 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

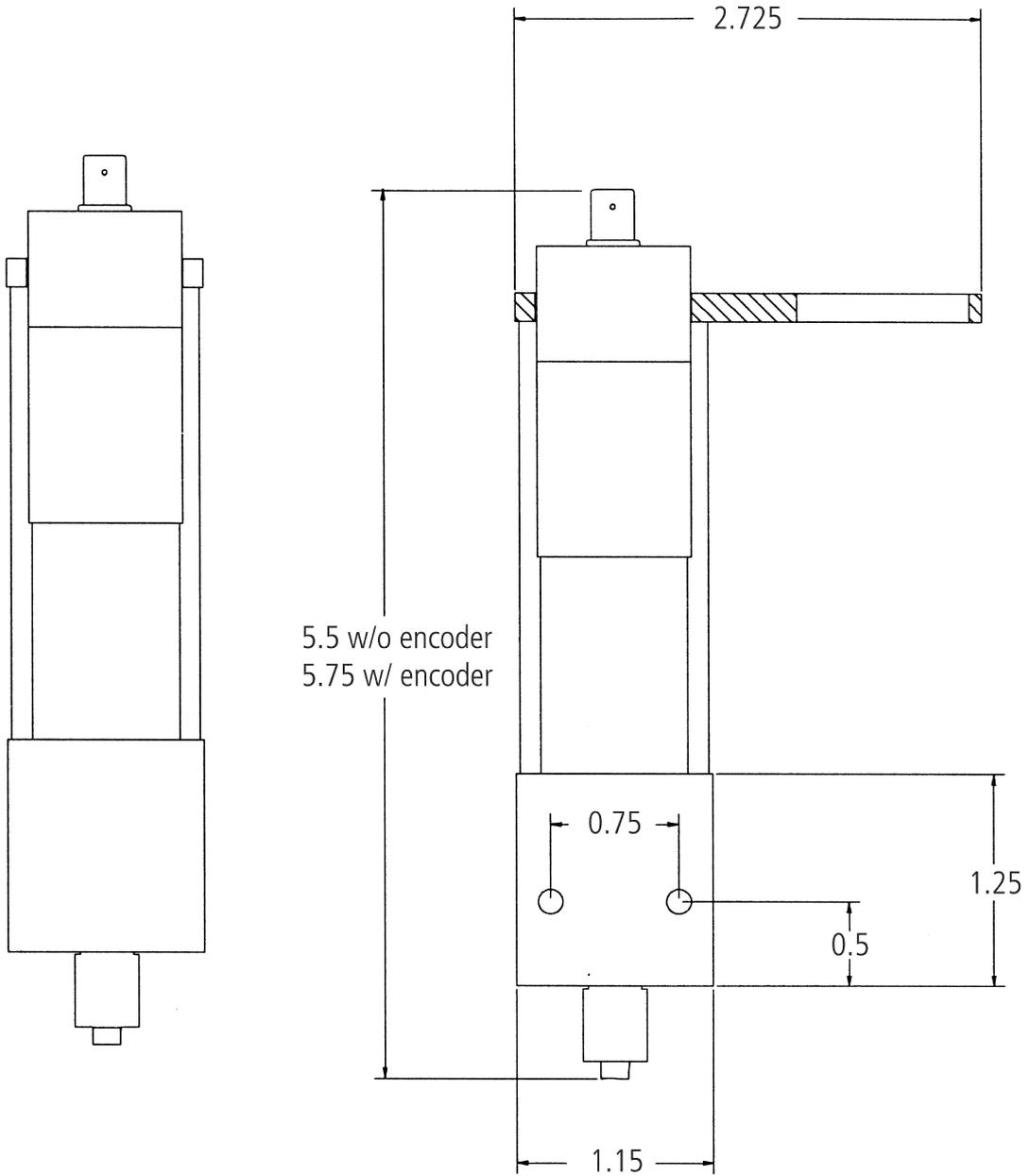
For more information on PVA's dispensing capabilities, please contact one of our sales representatives at (518) 371-2684.

PVA also offers the following options to augment your dispensing capabilities:

- | | | |
|---------|--|-------------------------------------|
| PVA3000 | | Automated dispensing system |
| PVA650 | | Selective coating/dispensing system |
| PVA250 | | Benchtop dispensing system |



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Measurements shown in inches.

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