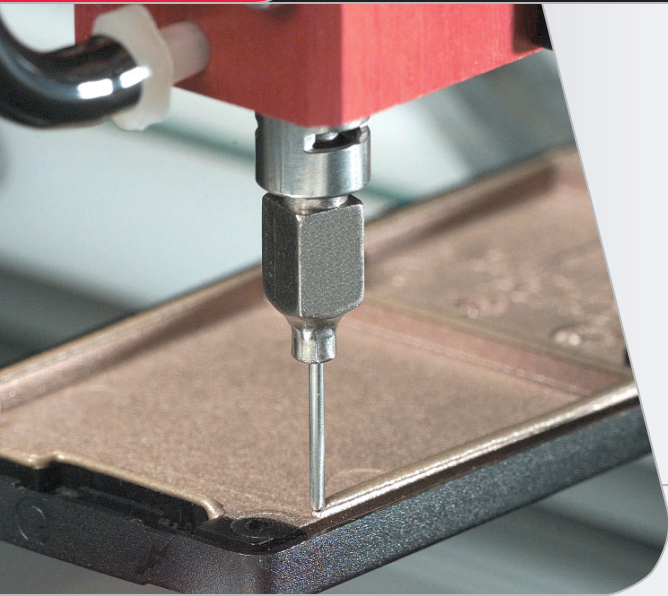




WHERE  
PRECISION  
DRIVES  
PRODUCTION



## 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

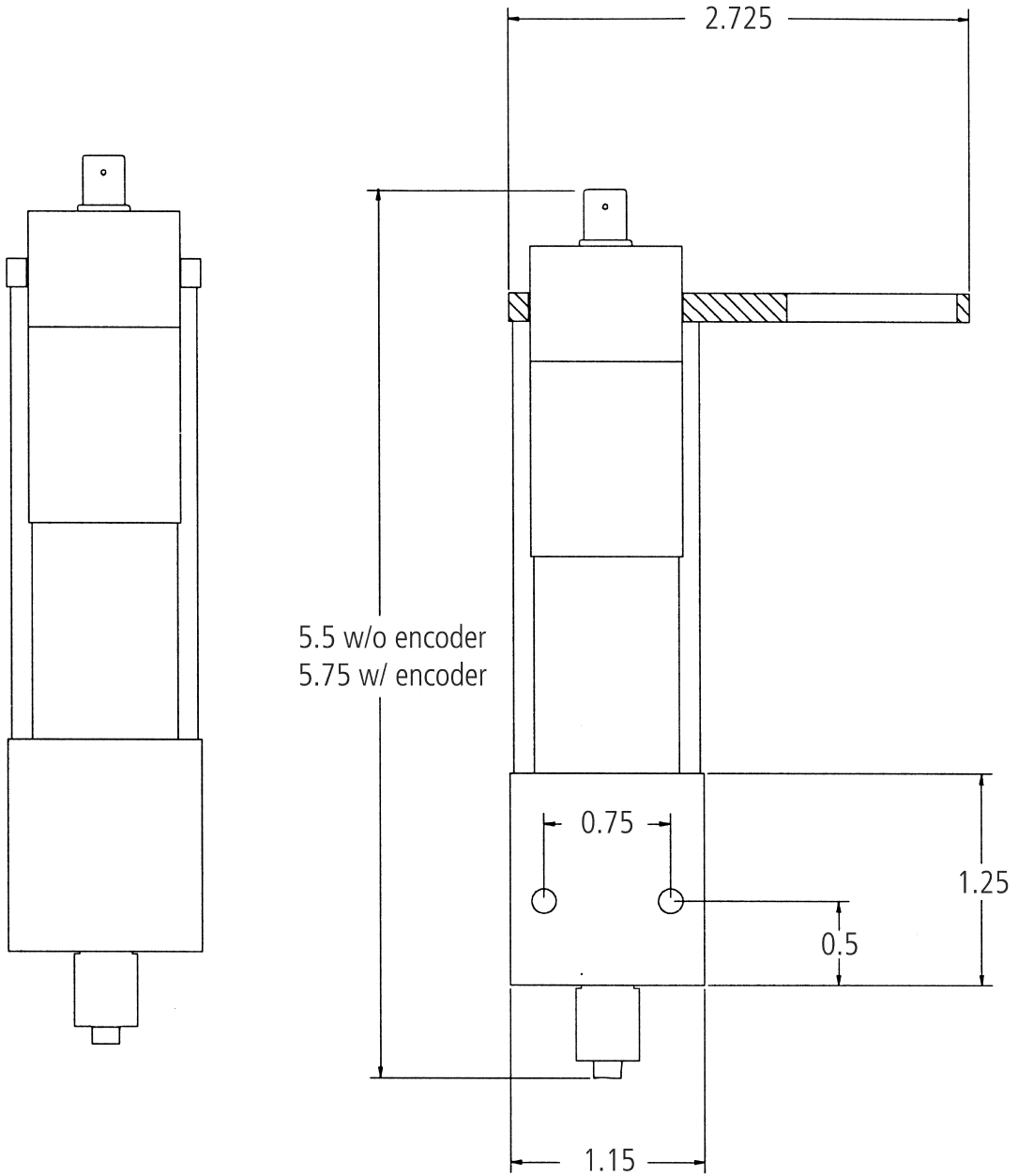
For more information on PVA's dispensing capabilities, please contact one of our sales representatives at (518) 371-2684.

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

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



15 Solar Drive  
Halfmoon NY 12065  
tel 518 371 2684  
fx 518 371 2688  
info@pva.net



Measurements shown in inches.

15 Solar Drive  
 Halfmoon NY 12065  
**tel** 518 371 2684  
**fx** 518 371 2688  
 info@pva.net