



INNOVATION. PRECISION. EXCELLENCE.



## Valve Specifications

### Dimensions

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

### Weight

5 lbs (2.27 kg)

### Power

115/230V AC input voltage  
24V DC internal voltage

### Air

100 psi (6.9 bar) maximum input  
1-100 psi (0.1 – 6.9 bar) maximum output

### Timer

0.01 sec – 99.99 sec

### Cycle Initiation

Maintained, Momentary, or Teach

### Repeat Accuracy

0.5 ms (0.005 sec)

### Recycle Speed

12 ms (0.012 sec)

### Certifications

CE, RoHS



FC100 Valve and ST100 Controller

## ST100 Digital Benchtop Controller

The ST100 is a digital shot timer used for bench top dispensing applications. This compact controller is an economic and ergonomic solution for improving the waste, inaccuracies, and clean up associated with many manual processes. The ST100 is ideal for chemistries such as adhesives, coatings, epoxies, and silicones and features an internal 2-position, 4-way solenoid valve to operate PVA dispense or spray valves.

The ST100 has many integrated features including:

- Digital timer with LED display and 0.001 – 99.99 second time range
- Manual, timed, or teach modes
- Integrated pressure control
- Electric foot pedal and power cord
- Built in regulator and gauge
- 9-pin serial port connection

PVA also offers the following controllers to improve your dispensing application:

ST100S	Digital syringe controller
ST100-S-15	Syringe dispenser (0-15 psi)

For more information, please contact PVA at [info@pva.net](mailto:info@pva.net) or contact your local representative.

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