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

# 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 or contact your local representative.**

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