



INNOVATION. PRECISION. EXCELLENCE.

System 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

ST100S

Digital Benchtop Syringe Controller

The ST100S is a digital shot timer used for syringe dispensing. This compact controller is an economic and ergonomic solution for improving the waste, inaccuracies, and clean up associated with many manual processes. The ST100S is ideal for chemistries packaged in syringes such as solder paste, UV adhesives, and masking material.

The ST100S has many integrated features including:

- Digital timer with LED display and 0.001 – 99.99 second time range
- Manual, timed, or teach modes
- Adjustable analog vacuum suck-back for clean cycle stops
- Integrated pressure control
- Electric foot pedal and power cord
- Built in regulator and gauge
- Sample PVA needle tips / 30cc syringe and air cap
- 9-pin serial port connection

For more information, please contact PVA at info@pva.net or contact your local representative.



Headquarters
6 Corporate Drive | Halfmoon, NY 12065
tel +1 518 371 2684 | fx +1 518 371 2688
www.pva.net | info@pva.net