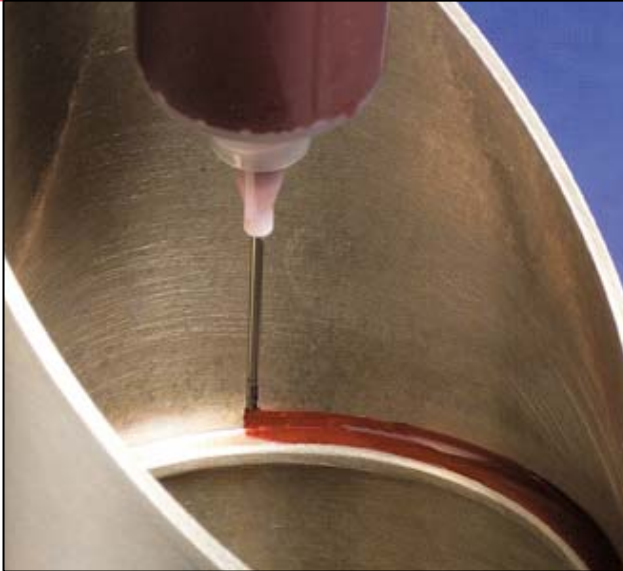




**WHERE  
PRECISION  
DRIVES  
PRODUCTION**



## **ST100S DIGITAL BENCHTOP SYRINGE CONTROLLER**

### **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

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

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

<b>ST100</b>	Digital valve controller
<b>ST100-S-15</b>	Syringe dispenser (0-15 psi)



15 Solar Drive  
Halfmoon NY 12065  
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fx 518 371 2688  
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All dimensions provided in inches