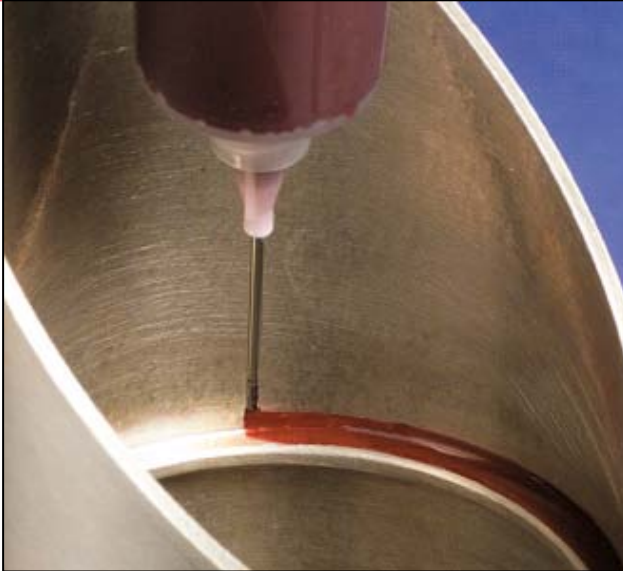




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ST100S **DIGITAL BENCHTOP SYRINGE CONTROLLER**

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:

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



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