



INNOVATION. PRECISION. EXCELLENCE.



## System Specifications

### Dispense Valve

CA300

### Dispense Outlet

Luer lock adapter

### Fluid Reservoir

Direct syringe mount to valve

### Controller

ST100

### Fluid Viscosity Range

1 cps - 50,000 cps

### Wetted Components

Delrin (Acetal), Teflon, Polypropylene

### Air

80 psi  
(5.5 bar)

### Power Requirements

115V/230V, 50-60 Hz

## CA300-SYR-1-S

### Handheld Dispense System

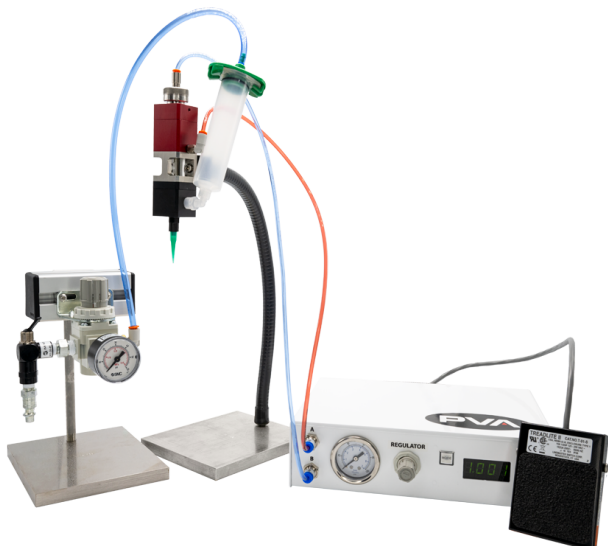
This complete manual dispense system is used for applications requiring a fixed dispense nozzle above a bench where a part can be positioned underneath the dispense tip to apply a fluid. It utilizes the CA300, an all plastic dispense valve, mounted on an adjustable arm stand and activated via foot pedal of the ST100 valve controller. The valve controller can be set in Manual mode to apply fluid for the duration the foot pedal is pressed or Timed mode for single pulse repeatable volumes.

Supplied with a 90° luer lock fitting, standard syringes of fluid can be threaded directly to the inlet of the valve. Including a quick connect and cap, air regulator, and gauge assembly, complete systems are supplied with all necessary fluid and air fittings and tubing (6 ft) to operate out of the box.

The CA300-SYR-1-S has many additional integrated features including:

- All plastic components for chemical compatibility
- Ability to dispense multiple materials including cyanocrylate and anaerobic adhesives
- Optional I/O cable for remote activation and air caps for 3, 5, 10 and 30 cc syringes available

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



REV - 3/2024

Headquarters  
6 Corporate Drive | Halfmoon, NY 12065  
tel +1 518 371 2684 | fx +1 518 371 2688  
[www.pva.net](http://www.pva.net) | [info@pva.net](mailto:info@pva.net)

# System Assembly

