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System Specifications

Dispense Valve

CA300

Dispense Outlet

Luer Lock Adapter

Pressure Tank

PVA-2LTUV

Controller

ST100

Fluid Viscosity Range

1 cps - 20,000 cps (self-leveling fluid)

Wetted Components

Delrin, Teflon, Polypropylene

Air

80 psi
(5.5 bar)

Power Requirements

115V/230V, 50-60 Hz



CA300-2LT-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 with weighted base 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 2-liter pressure tank, it can hold most industry standard 1 or 2-liter bottles, eliminating the need to pour fluid into a container which can introduce moisture and air.

Complete systems are supplied with all necessary fluid and air fittings and tubing (6 ft) to operate out of the box.

The CA300-2LT-1-S has many additional integrated features including:

- All plastic components for chemical compatibility
- Ability to dispense multiple materials including cyanocrylate and anaerobic adhesives as well as UV curable adhesives and epoxies
- Optional I/O cable for remote activation

For more information, please contact PVA at 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 | info@pva.net

System Assembly

