



INNOVATION. **PRECISION.** EXCELLENCE.



System Specifications

Valve
MV300

Fluid Volume Per Cycle
0.0001 - 0.012 cc

Dispense Outlet
Luer lock adapter

Pressure Tank
PVA-2LTUV

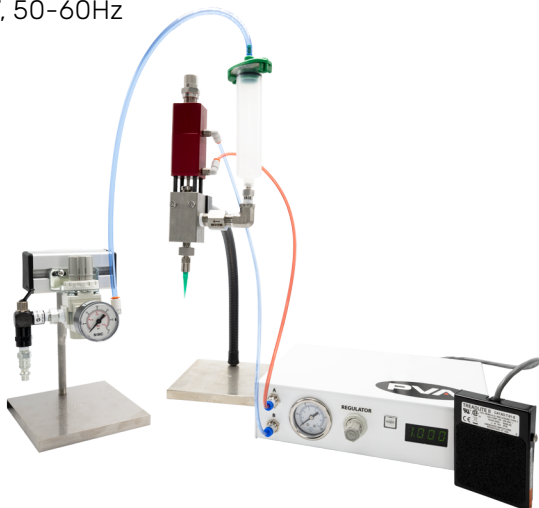
Controller
ST100

Fluid Viscosity Range
1 cps - 20,000 cps (self-leveling fluid)

Wetted Components
Stainless Steel, Teflon, Kalrez

Air
80 psi
(5.5 bar)

Power Requirements
115V/230V, 50-60Hz



MV300-SYR-1-S Benchtop Metering System

This complete metering 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 dot of fluid. It utilizes the MV300 positive displacement metering valve mounted on an adjustable arm stand with weighted base and activated via foot pedal of the ST100 valve controller. Fluid volume is adjusted using the micrometer of the valve and the controller is used to dispense the metered volume as the foot pedal is pressed then refilled when the pedal is released.

Supplied with a 90° luer lock fitting, standard syringes of fluid can be threaded directly to the inlet of the valve.

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

The MV300-SYR-1-S has many additional integrated features including:

- Positive displacement metering valve system
- Precision dot dispensing for UV adhesives
- I/O cable for remote activation is available

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

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System Assembly

