



INNOVATION. **PRECISION.** EXCELLENCE.



System Specifications

Valves

MV250-LL

Fluid Volume Per Cycle

0.0001 - 0.012 cc

Dispense Outlet

Luer lock adapter

Fluid Reservoir

Direct syringe mount to valve

Controller

ST100

Fluid Viscosity Range

1 cps - 50,000 cps

Wetted Components

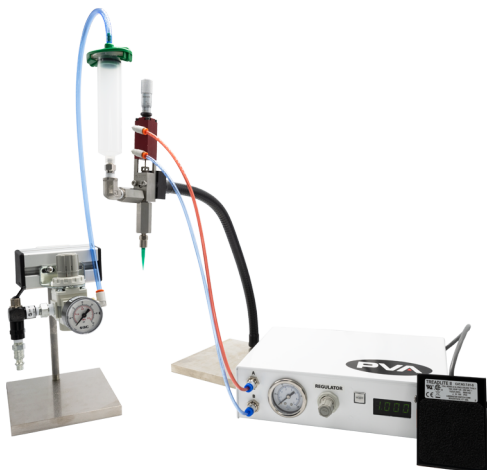
Stainless Steel, Teflon, Kalrez

Air

80 psi
(5.5 bar)

Power Requirements

115V/230V, 50-60Hz



MV250-LL-SYR-1-S Manual 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 MV250-LL 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 length) to run out of the box

The MV250-LL-SYR-1-S has many additional integrated features including:

- Positive displacement metering valve system
- Precision dot dispensing for UV adhesives

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

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System Assembly

