



INNOVATION. **PRECISION.** EXCELLENCE.



System Specifications

Valve

MV250-LL

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

MV250-LL-2LT-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 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 refill when the pedal is released.

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 tank 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 MV250-LL-2LT-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

