



INNOVATION. **PRECISION.** EXCELLENCE.



System Specifications

Valve

MV500

Fluid Volume Per Cycle

0.1 - 1.45 cc

Dispense Outlet

Luer lock adapter

Fluid Reservoir

Direct cartridge mount to valve

Controller

ST100

Fluid Viscosity Range

1 cps - 50,000 cps

Wetted Components

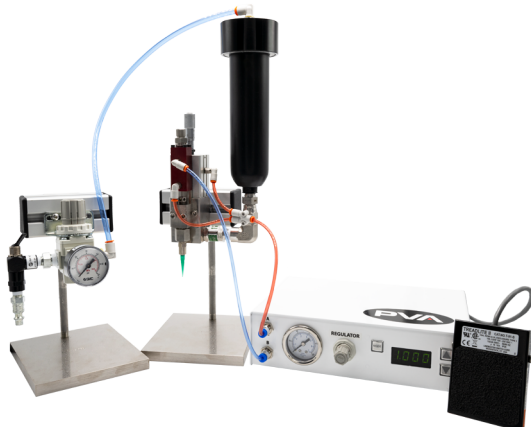
Stainless Steel, Urethane, Teflon, Kalrez, HDPE

Air

80 psi
(5.5 bar)

Power Requirements

115V/230V, 50-60Hz



MV500-060-1-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 MV500 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° stainless steel fluid fitting, a 6 oz metal cartridge retainer with air cap is mounted directly to the valve inlet to hold plastic cartridges.

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

The MV500-060-1-S has many additional integrated features including:

- Positive displacement metering valve system
- Precision large dot dispensing
- 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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