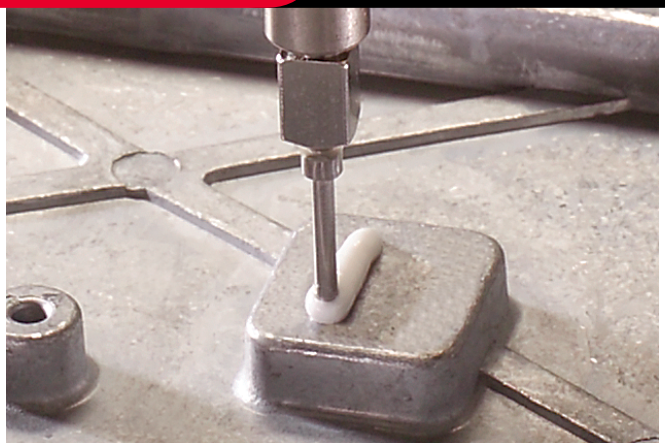
INNOVATION. PRECISION. EXCELLENCE.



MV600

Positive Displacement Dispensing Valve

The MV600 is a true rod displacement metering valve designed to dispense high viscosity fluids in applications requiring the highest degree of accuracy and repeatability. Dispense volumes are determined by the micrometer setting which regulates the travel of the displacement rod and volumes will not be altered by variations in viscosity, temperature, or material pressure.

Carbide Rods

Used to resist wear against aggressive fillers found in fluids such as epoxies, potting compounds, gap fillers, thermally conductive pastes, and electrically conductive compounds.

All Stainless Steel

Used for less aggressive fluids without fillers such as RTV, silicone, sealants, adhesives, gels, and pastes.

The MV600 has many integrated features including:

- Dual air cylinder generates higher pressure for faster dispense time of high viscosity fluids
- Single air cylinder for refill assist increases refill time for high viscosity fluids
- Adjustable suck back feature on valve outlet eliminates stringing of high viscosity fluids
- Optional limit sensors for “ready to dispense” and “dispense complete” feedback

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

Valve Specifications

Shot Volume Ranges
0.10cc - 3.00cc or 0.10cc - 0.80cc

Dimensions
277 mm x 38 mm x 81 mm
(10.90 in x 1.50 in x 3.20 in)

Weight
2.08 kg (4.6 lbs)

Viscosity Range
10,000 cps - 5,000,000 cps

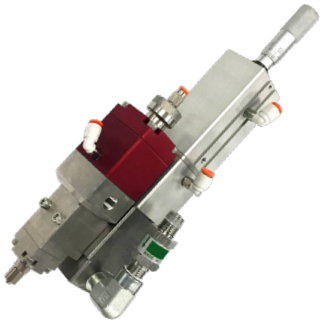
Maximum Inlet Fluid Pressure
800 psi (3.0cc series)
3,200 psi (0.8cc series)

Maximum Generated Outlet Fluid Pressure
1,000 psi (3.0cc series)
4,000 psi (0.8cc series)

Wetted Components
Stainless Steel, Polyurethane, Teflon®, Kalrez®

Valve Part Numbers

MV600-3.0	3.0cc Max volume - SS
MV600-0.8	0.8cc Max volume - SS
MV600-3.0-C	3.0cc Max volume - Carbide
MV600-0.8-C	0.8cc Max volume - Carbide



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MV600 Mounting Dimensions