



INNOVATION. **PRECISION.** EXCELLENCE.



Valve Specifications

Dimensions

159 mm x 38 mm x 59 mm
(6.25 in x 1.50 in x 2.33 in)

Viscosity Range

1 cps – Paste

Operating Air Pressure

60 – 100 psi

Inlet Fluid Pressure

50 – 350 psi

Maximum Generated Outlet Fluid Pressure

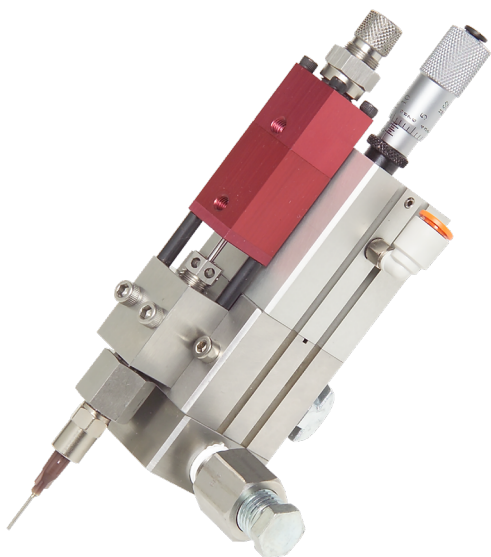
500 psi

Wetted Components

Stainless Steel, Kalrez®, Teflon®

Shot Size Range

0.10 cc to 1.45 cc



MV500

Positive Displacement Dispensing Valve

The MV500 is a true positive displacement metering valve capable of dispensing deposits of material in a highly accurate process. The deposit volume is determined by the metering cylinder's stroke adjustment setting and is not affected by variations in viscosity or material pressure.

The MV500 has many integrated features including:

- 0.10 cc to 1.45 cc shot size
- Reduced fluid volume inside valve for increased repeatability
- Front closing dispense valve on outlet check for accurate shutoff
- Stainless steel fluid section for optimum material compatibility
- Adjustable dispense rate
- Micrometer adjustment permits shot size modification
- 5:1 pressure advantage on metering cylinder
- Optional limit sensors for "ready to dispense" and "dispense complete" feedback

PVA also offers the following products to improve your dispensing application:

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

Teflon® and Kalrez® are registered trademarks of Dupont

Headquarters
6 Corporate Drive | Halfmoon, NY 12065
tel +1 518 371 2684 | fx +1 518 371 2688
www.pva.net | info@pva.net