



**WHERE  
PRECISION  
DRIVES  
PRODUCTION**



**MV100 Shot Size Range:**  
0.0002 cc to 0.0022 cc

## VALVE SPECIFICATIONS

**Dimensions:**  
152.4 mm x 44.5 mm x 19.05 mm  
(6 in x 1.75 in x 0.75 in)

**Weight:**  
12 oz

**Viscosity Range:**  
1 cps – Paste

**Operating Air Pressure:**  
60 – 100 psi

**Maximum Inlet Fluid Pressure:**  
300 psi

**Wetted Components:**  
Stainless steel, Kalrez<sup>®</sup>, Teflon<sup>®</sup>

## MV100 POSITIVE DISPLACEMENT DISPENSING VALVE

The MV100 is a true positive displacement metering valve capable of dispensing small deposits of material in a highly accurate process. The deposit volume is determined by the valve's stroke adjustment setting and is not affected by variations in viscosity or material pressure. The MV100 is compatible with all PVA automated platforms.

The MV100 has many integrated features including:

- ▲ 0.0002 cc to 0.0022 cc shot size
- ▲ Divorced valve design prevents material contamination of the air section
- ▲ Inlet and outlet check valves provide precise metering of material
- ▲ Adjustable stroke permits shot size modification
- ▲ Stainless steel fluid section for optimum material compatibility
- ▲ Lightweight aluminum air section
- ▲ Volume reducing dispense tips available

For more information on PVA's dispensing capabilities, please contact one of our sales representatives at (518) 371-2684.

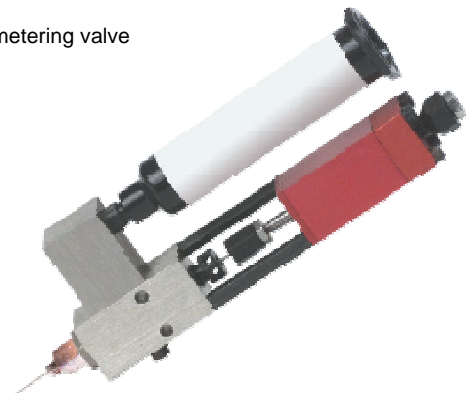
PVA also offers the following products to improve your dispensing application:

**MV1-SP**  
MV100 spare parts kit

**MV200**  
Positive displacement metering valve

**MV300**  
Positive displacement metering valve

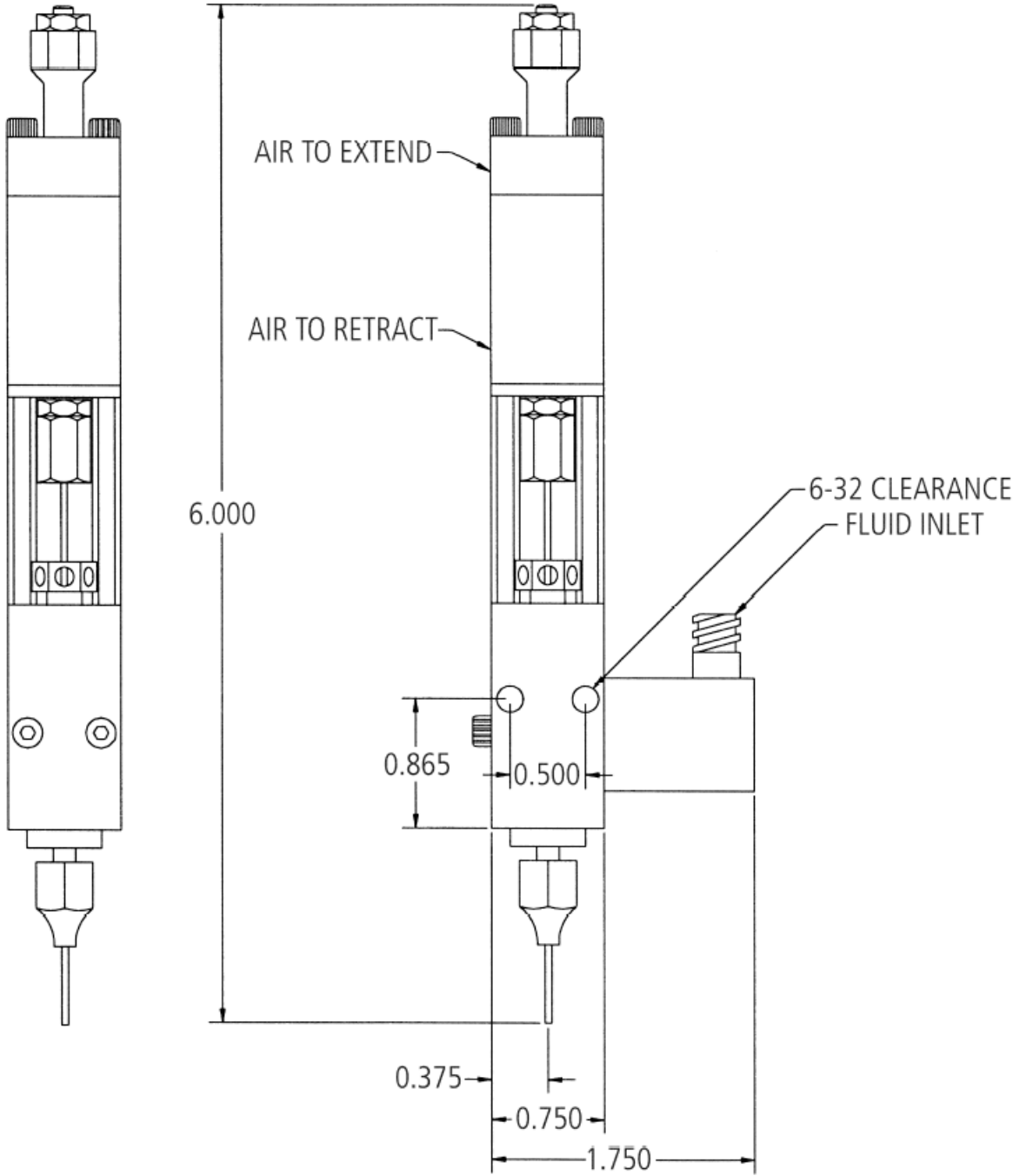
**MV400**  
Positive displacement metering valve



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Teflon<sup>®</sup> and Kalrez<sup>®</sup> are registered trademarks of Dupont.

# MV100 Mounting Dimensions



All dimensions provided in inches