



MV500
METERING VALVES

POLY DISPENSING SYSTEMS

SYSTEMES DE DOSAGE INDUSTRIEL

Positive Displacement Metering

Advantages

- Simple to install
- Quick and easy calibration of the quantity
- Minimum accuracy of $\pm 2\%$
- Part in contact with the stainless steel fluid
- Opening and closing control (faster)
- Potential rate: greater than 600 cycles / minute
- No residual drop at the end of the cycle



Compatible products

Adhesives / Activators /
Lubricants / oils / RTV /
Epoxies / Solvents / Alcohols
/ Fluids / Inks / Paints



The MV500 is a true positive displacement metering valve capable of dispensing deposits of material in a highly accurate process.

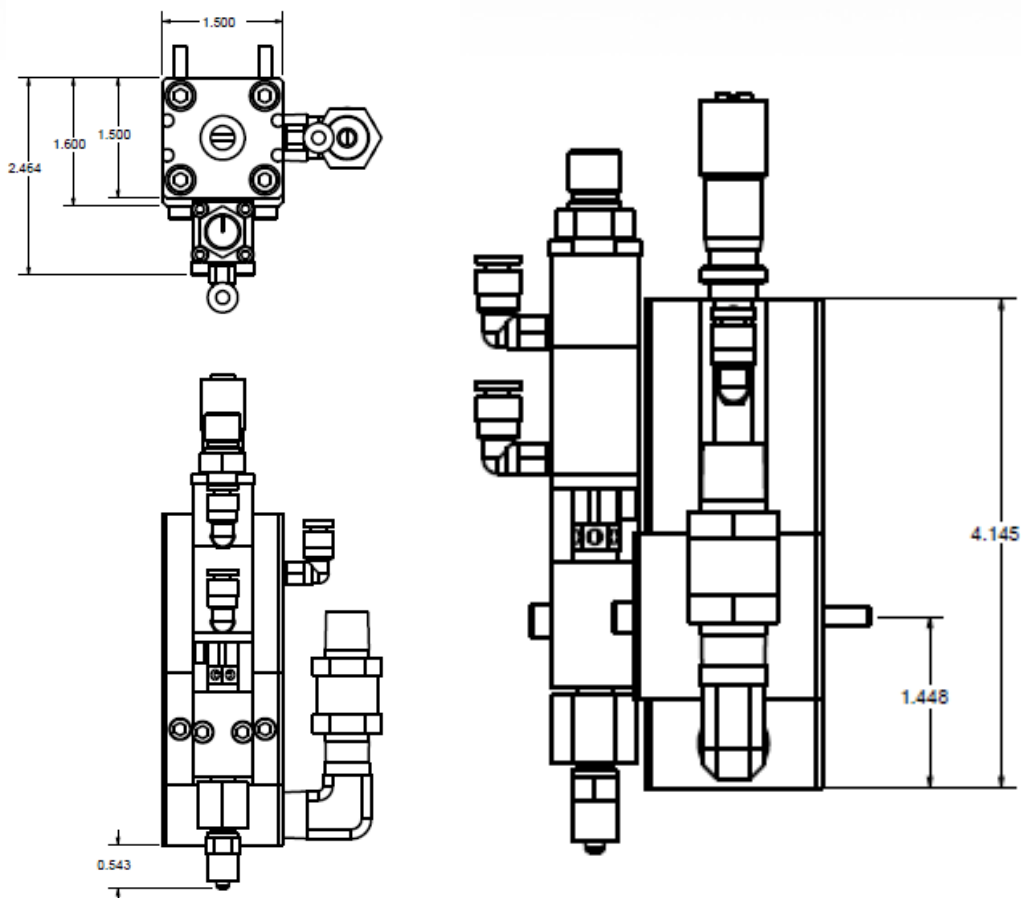
The deposit volume is determined by the metering cylinder's stroke adjustment setting and is not affected by variations in viscosity or material pressure. The MV500 is compatible with all PVA automated platforms.

The MV500 has many integrated features including:

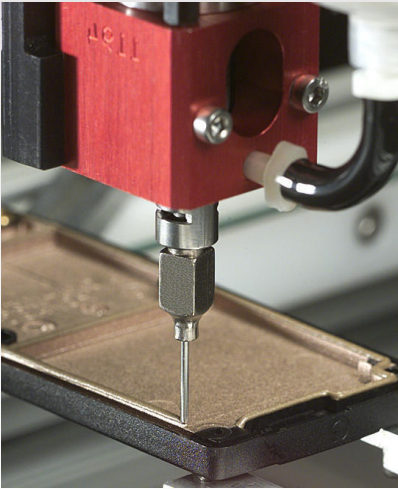
- 0.10 cc to 1.45 cc shot size
- Reduced fluid volume inside valve for increased repeatability
- Front closing dispense valve on outlet check for accurate shutoff
- Stainless steel fluid section for optimum material compatibility
- Adjustable dispense rate
- Micrometer adjustment permits shot size modification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

Characteristics

Dimensions	159 mm x 38 mm x 59 mm (6.25 in x 1.50 in x 2.33 in)
Weight	1361g
MV500 Shot Size Range	0.10 cc to 1.45 cc
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®



Poly Dispensing Systems



PDS S.A.S is a french company that commercializes a wide range of dosage equipments, proven and effective.

Distributed in over 20 countries around the world, these equipments provide tailored solutions to many users in order to improve technically their manufacturing and reduce their productions costs.

Our collaborators and sales engineers all have a strong technical competences. They are able to answer your questions and offer you, after analysis, the right solution for your particular need.

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- NON CONTRACTUAL DOCUMENT -

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