



MV300
POSITIVE DISPLACEMENT METERING VALVES

POLY DISPENSING SYSTEMS
S Y S T E M E S D E D O S A G E I N D U S T R I E L

Volumetric valve MV300

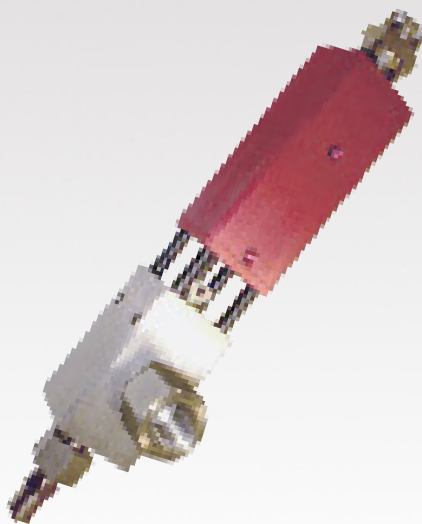
Advantages

- Volumetric device simple to install
- Easy and fast calibration of the quantity
- Minimum accuracy of $\pm 1\%$
- 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 highly accurate MV300 valve's deposit volume is determined by the valve's stroke adjustment setting and is not affected by variations in viscosity or material pressure.

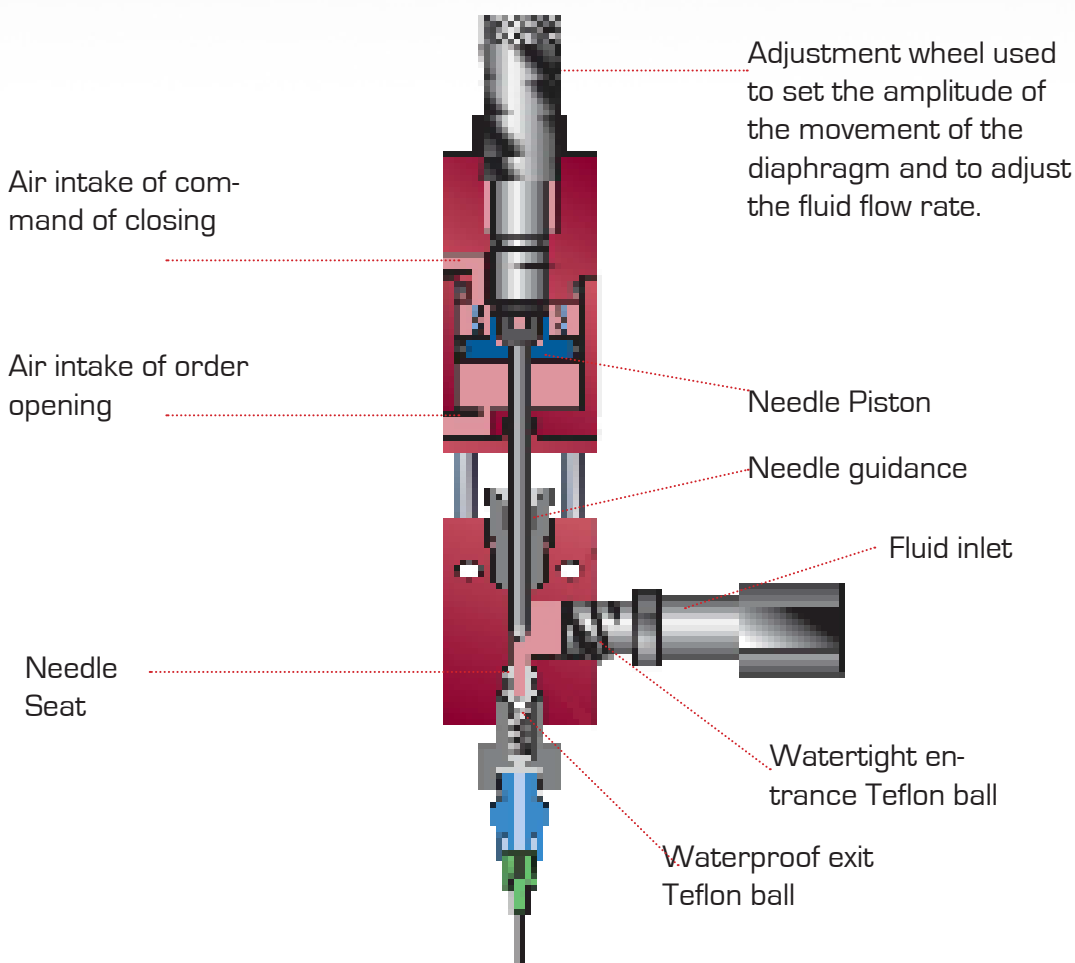
The MV300 is a true positive displacement metering valve capable of dispensing deposits of material in a highly accurate process. The deposit volume is determined by the valve's stroke adjustment setting and is not affected by variations in viscosity or material pressure. The MV300 is compatible with all PVA automated platforms.

The MV300 has many integrated features including:

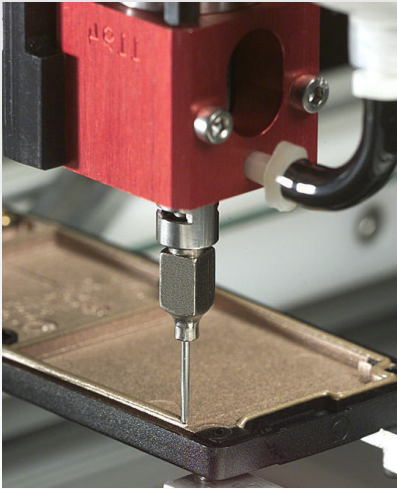
- 0.010 cc to 0.125 cc shot size
- Divorced valve design prevents material contamination of the air section
- Inlet and outlet check valves provide precise metering of material
- Adjustable stroke permits shot size modification
- Stainless steel fluid section for optimum material compatibility
- Lightweight aluminum air section

Characteristics

Dimensions	203mm x 29,2mm x 29.2 mm
Weight	8 oz
Viscosity Range	1 cps – Paste
Operating Air Pressure	60 – 100 psi
Maximum Inlet Fluid Pressure	300 psi
Wetted Components	Stainless steel, Delrin, Kalrez®, Teflon®
MV300 Shot Size Range	0.010 cc to 0.125 cc



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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