

VP300

Poppet Valve



The VP300 is a multipurpose, poppet-type pneumatic valve designed for dispensing low to mid-high viscosity materials, such as silicone, RTV, epoxy, rubber adhesive, grease, liquids containing filler, etc. A diaphragm located between driving parts and wetted parts increases the valve life and reduces valve maintenance.

When air pressure is applied to the valve, the valve seat will open and the material will be dispensed. Shot sizes may be fine tuned by turning the control knob at the top of the valve.

The VP300 valve has a suck-back effect that eliminates lumping at the end of the needle after dispensing. The suck-back effect occurs when the valve is closed because of the change in the volume of the material area as the poppet moves up in the valve

Features

- Suck-back effect
- Suitable for filled materials
- Separated wetted parts
- Fine tune shot size

Models

VP300 Poppet valve

Sales & Support

Fisnar
Global Headquarters
Tel: 1 (973) 646-5044
www.fisnar.com

Specifications

Operating air pressure:	65-85 psi
Material delivery pressure:	85 psi
Flow rate:	2.4 l/min Max.
Minimum shot size:	0.05cc
<i>Driving part materials</i>	
Body:	AL hard anodized
Piston:	SUS303
Piston seal:	NBR
<i>Wetted part materials</i>	
Chamber, CAP:	AL hard anodized
Diaphragm, Seat:	UHMW-PE
O-ring:	Viton
<i>Connecting ports</i>	
Air Input:	M5 x P0.8
Material Inlet:	1/8" NPT
Material Outlet:	1/4" NPT Luer lock
Mounting Hole:	M5 x P0.8
Weight:	258g