

VMS400

Mini-Spool Valve



The VMS400 is a mini-spool type pneumatic valve designed for dispensing low viscosity to high viscosity materials.

When air pressure is applied to the air inlet of the VMS400 valve, the spool will be forced forward and fluid will be dispensed. The VMS400 valve has a suck-back effect that eliminates lumping at the end of the needle after dispensing. Turning the adjustment control at the top of the valve regulates the amount of suck-back.

Shot size and flow rate are controlled by the tip size, fluid pressure and the duration that the valve is open.

Features

- High pressure fluid input up to 700psi
- Suitable for high viscosity fluids
- Adjustable suck-back effect

Sales & Support

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Specifications

Operating air pressure:	60 - 85psi
Material delivery pressure:	711psi
Flow rate:	5.0 l/min
Minimum shot size:	0.1cc
<i>Driving part materials</i>	
Body, Piston:	SUS303
Spool:	SUS420
Cap:	AL hard coated
<i>Wetted part materials</i>	
Chamber, Cap:	SUS303
Seal:	UHMW-PE lip seal
<i>Connecting ports</i>	
Air inlet / outlet:	M5xP0.8
Material inlet / outlet:	1/8" NPT
Weight:	255g