

MV-0180

Micro-shot Needle Valve



Designed for precision dispensing of all types of fluids from micro shots to moderate sized beads and dots. Its lightweight pencil-type grip makes the valve suitable for either hand-held or automatic applications. Shot sizes may be fine tuned by turning the adjustment knob at the top.

The valve is opened and closed by applying pressure to the air input port. The valve may be operated between 60 and 90 psi. Shot size and flow rate are controlled by the tip size, fluid pressure and the duration that the valve is open. Shot sizes may be fine tuned by turning the adjustment knob at the top of the valve. The model DC200 is a suitable controller but for faster actuation, the 4-way VC1195N valve controller can be used.

Features

- Plastic fluid body for anaerobic fluids
- Stroke adjustment to fine tune shot size
- Positive shut-off
- Micro-shot deposits

Models

MV-0180LF	Valve, aluminum
MV-0180SS	Valve, stainless steel
MV-0180-PLF	Valve, plastic fluid body

Sales & Support

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

Specifications

Operating air pressure:	60-85 psi
Material delivery pressure:	Max 120psi
Minimum shot size:	Micro dots
<i>Driving part materials</i>	
Body:	AL, SS, Plastic
Piston:	AL, SS, Plastic
Piston Seal:	Teflon
Wetted part materials:	AL, SS, Plastic
<i>Connecting ports</i>	
Air Input:	1/8" NPT
Material Inlet:	1/8" NPT
Material Outlet:	1/4" - 28 / Luer lock
Weight:	172.4g