

HP600

High Pressure Needle Valve



The HP600S and HP600L high-pressure dispense valves are a robust long-life solution for dispensing high viscosity materials such as silicone, RTV, sealant and grease. Both valves are adjustable for shot size.

The HP600S & HP600L are balanced type "on/off" segmented high-pressure needle valves, which require a model VC1195N 4-way valve controller. Applying a minimum of 56 psi to the air inlet will retract the needle allowing material to flow. Switching the air signal on the controller will return the needle to its seated position closing the valve.

Features

- 4-way operation - quick shut-off
- Suitable for high viscosity fluids
- Adjustable for shot size

Models

HP600S High-pressure valve small shot
HP600L High-pressure valve large shot

Sales & Support

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Specifications

Operating air pressure:	65-71 psi
<i>Material delivery pressure</i>	
HP600S:	2,133 psi
HP600L:	1,565 psi
<i>Minimum shot size</i>	
HP600S:	0.01cc
HP600L:	0.2cc
<i>Driving part materials</i>	
Cylinder Body / Cap:	AL hard anodized
Piston / Check body:	STS303
<i>Wetted part materials</i>	
Chamber:	SUS303
CAP, CV body:	AL hard coated
Seals:	Acetal Teflon
<i>Connecting ports</i>	
Air Input:	M5xP0.8, 4mm fitting
Material Inlet:	1/4" NPT
Material Outlet:	1/4" NPT, Luer lock
Weight:	950g