

CV629

Cartridge Valve



The CV629 is a pneumatically operated valve designed for precision dispensing of many types of fluids, such as solvents, oils, silicones, glues, UV adhesives, inks, etc. The system can be integrated with an automatic dispensing robot or used as a bench-dispensing valve. Avoid clean-up and maintenance by simply replacing the removable cartridge.

The valve is opened by air pressure and closed by a return spring when air pressure is released. Applying a minimum of 70 psi (5 bar) air pressure to the air inlet will open the valve. Fluid is supplied to the material inlet through a 1/8 BSPP port.

Shot sizes may be fine tuned by the adjustment screw at the top of the valve; hence the CV629 valve is recommended for applications where micro deposits are required. Shot size and flow rate are controlled by the tip size, fluid pressure and the duration that the valve is open.

Features

- Stroke adjust to fine tune shot size
- Micro-shot deposits
- Aligned air and material inlets

Sales & Support

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Specifications

Operating air pressure	70 - 85 psi
Material delivery pressure:	300psi Max.
<i>Connecting Ports</i>	
Air input:	push-in fitting for Ø6 tube
Material inlet:	push-in fitting for Ø6 tube
Material outlet:	Luer lock adapter
Weight:	135g