

IJF CV629 Cartridge Dispensing Valve



Description

The **IJF CV629 Cartridge Dispensing Valve** is a pneumatically operated valve designed for precision dispensing of all types of fluids or liquids, such as solvents, oils, silicones, adhesives, UV adhesives, inks, etc. The system can be integrated into an [automatic dispensing robot](#) or used as a fixed bench-mounted dispensing valve. Since it has a light weight design, it can be used hand-held. It is suitable for high cycling, automated dispensing applications.

Features & Benefits

- Suitable for many types of materials
- Air and material inlets are aligned for close side-by-side mounting of multiple valves
- Stroke adjustment to fine-tune shot size
- Seals are in a replaceable cartridge for simplicity of maintenance
- Microshot deposits
- Light weight, can be used hand-held

Applications

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- Beads, sealants
- Potting, filling, shielding
- High precision small deposits
- High pressure or high viscosity materials

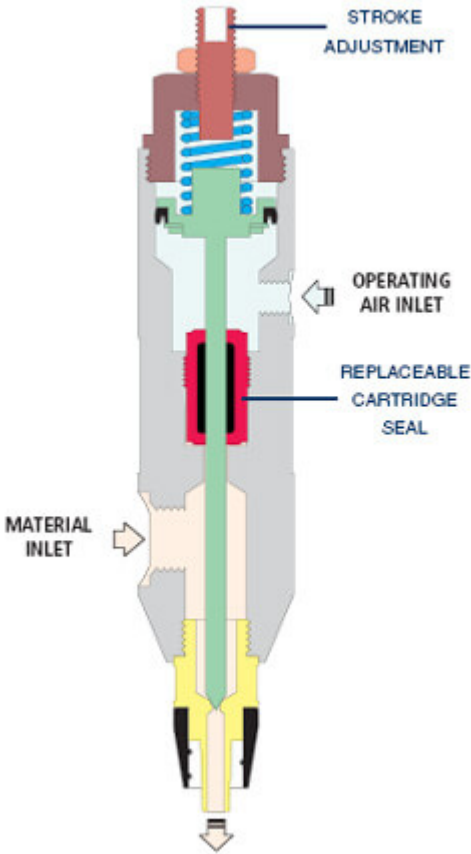
The valve is opened by air pressure and closed by a return spring when air pressure is released. Applying a minimum of 70 psi (5 bar) air pressure to the air inlet will open the valve. Fluid is supplied to the material inlet through a 1/8 BSPP port.

Shot sizes may be fine tuned by turning 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.

The model [DC100](#) is a suitable controller for the CV629 valve. Maintenance is straightforward,

because the seals are in a easily replaceable cartridge.

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Specifications

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Weight	135 gm
Air pressure	70 to 85 psi (5 to 6 bar)
Maximum fluid pressure	300 psi (21 bar)
Air inlet	M5 thread with push-in fitting for 6mm OD tube
Material inlet	1/8 BSPP with push-in fitting for 6mm OD tube
Material outlet	Luer lock adapter, accepts our full range of dispensing needles and tips

Ordering Information

IJF CV629 Cartridge Dispensing Valve



Part number	Description
IJFCV629	Cartridge valve
IJFDSP501N	Automatic liquid dispenser

Supplied by:



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