

# 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

# IJF CV629 Cartridge Dispensing Valve



- 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

- Beads, sealants
- Potting, filling, shielding
- High precision small deposits

# IJF CV629 Cartridge Dispensing Valve



- High pressure or high viscosity materials

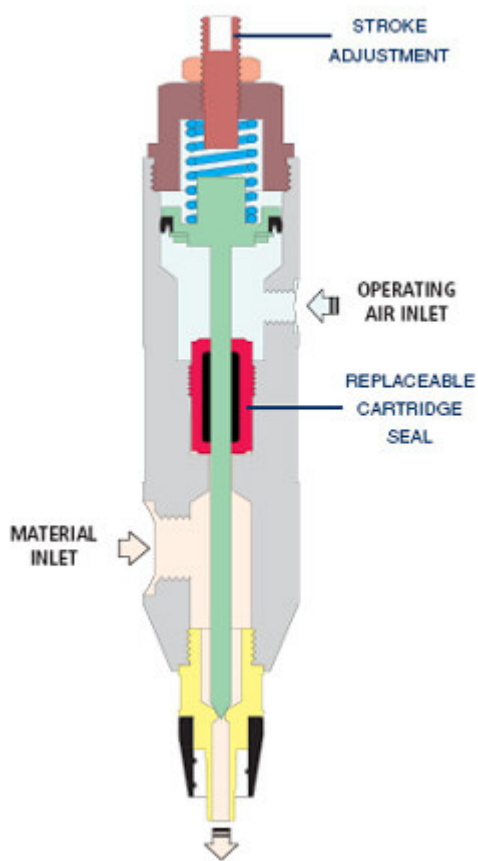
The valve is opened by air pressure and closed by a return spring when air pressure is released. Applying a minimum of 70 psi (5 bar) air pressure to the air inlet will open the valve. Fluid is supplied to the material inlet through a 1/8 BSPP port.

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.

# IJF CV629 Cartridge Dispensing Valve



## Specifications

# IJF CV629 Cartridge Dispensing Valve



Specification	
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

Part number	Description
-------------	-------------

# IJF CV629 Cartridge Dispensing Valve



IJFCV629	Cartridge valve
<a href="#">FISDC100</a>	DC100 digital liquid dispenser

---

Let’s start by talking about your application

# IJF CV629 Cartridge Dispensing Valve



01865

842842



[orders@intertronics.co.uk](mailto:orders@intertronics.co.uk)

- Name\*
- Company\*
- Phone\*
- Email\*
- Post code\*

If you're in the UK, knowing your postcode would help us get in touch even more quickly. If you're outside the UK, please indicate your country.

- 
- Tell us about your application

# IJF CV629 Cartridge Dispensing Valve



Any information that you submit using this form will be processed according to our [privacy policy](#).

## Email

This field is for validation purposes and should be left unchanged.

Supplied by:

**intertronics**

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e [info@intertronics.co.uk](mailto:info@intertronics.co.uk)

Last updated: November 2022 Version: 2.5

Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith.