

# Clippard



## Clippard NIV PEEK Media Isolation Valves

Cincinnati, Ohio – The Clippard NIV Series Media Isolation Valve is a solenoid-operated device that uses a flexible diaphragm to isolate the actuation mechanism from the fluid path. Media isolation valves are commonly used for a wide variety of applications, including those that require precise, repeatable dispensing of media for analytical instrumentation.

All wetted areas of the valve are either PEEK or PTFE, making this series ideal for use with corrosive media. A unique feature of the NIV Series is the one-piece valve stem that functions as a sealing membrane while also supporting and centralizing the poppet in the seating area. This multi-functional poppet/diaphragm/stem results in a simplified design with fewer parts (only two for the 2-Way and three for the 3-Way), longer life and zero dead volume. Choose from four orifice sizes available as 2-Way Normally-Closed, 2-Way Normally-Open, or 3-Way Selector/Diverter.

Industries and applications that commonly use these types of valves to isolate gas or liquid include: drug dispensing, laboratory equipment, analytical, chemical analysis, sampling, life science/biotech, genetic research, gas chromatography, spectrometry, DNA synthesizing, blood analyzing, printing, diagnostic equipment, fermentation, water treatment and more.

- Low power consumption
- Bidirectional
- Zero dead volume
- All wetted areas PTFE or PEEK
- Ideal for use with corrosive media
- Fast response time & high cycle life
- CE, RoHS Compliant
- Proudly made in the USA

For more information about these valves or any of Clippard's 5,000 other precision fluid control products, call 513-521-4261 or visit [www.clippard.com](http://www.clippard.com).

**CLIPPARD**

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