

Ashcroft Pressure Controller

An easy way to accurately set pressure or vacuum in a closed pneumatic system

- Sets Pressure or Vacuum to Fractions of a PSI
- Operating Ranges to 3000 PSI
- Panel or Bench Mount
- Generates Moderate Pressure or Vacuum
- Pressure Balance Valve
- Built-in Pressure Relief Valve



▲ AVC-1000

Ordering Information

Mfg#	AVC-1000	AVC-3000
Range:	Vacuum to 1000 PSI	Vacuum to 3000 PSI
Resolution:	0.00025 PSI	0.0005 PSI
Internal Volume:	3.5 in ³	2.5 in ³
Mechanical Resolution:	31 turns	31 turns
Proof Pressure:	3000 PSI	6000 PSI
Connections:	1/8" NPT female	
Construction:	Aluminum body, stainless steel, brass, Teflon, Delrin, and Buna-N	
Media Compatibility:	Clean, dry, non-corrosive gasses	
Order #	MP4556P	MP4567P
Price		

Order #	Description	Price
MP4568P	Bench-Mount Bracket	

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Noshok Precision Valves

100 Series Mini Valve

- Metal-to-Metal Hard Seat Design
- Electroless Nickel Plating
- 100% Helium Leak Tested
- Stem Packing Below the Threads
- Maximum Working Pressure: 6000 PSI
- Orifice Size: 0.172"
- Flow Coefficient: 0.42
- Standard O-Ring: VITON®
- Standard Back-Up Ring: Teflon®

Ordering Information

Order #	Mfg #	Description	Price
MP102FFC	102FFC	1/4" NPT Female-Female, Steel	
MP102MFC-PM2	102MFC	1/4" NPT Male-Female, Steel	



▲ 102MFC-PM2

▲ 102FFC

Noshok Precision Valves

400 Series Needle Valve

- Metal-to-Metal Hard Seat Design
- Electroless Nickel Plating
- 100% Helium Leak Tested
- Stem Packing Below the Threads
- Stem and Bonnet Threads Rolled for Greater Strength and Smoother Operation
- Maximum Working Pressure: 10,000 PSI
- Orifice Size: 0.187"
- Flow Coefficient: 0.83
- Standard O-Ring: VITON®
- Standard Back-Up Ring: Teflon®

Ordering Information

Order #	Mfg #	Description	Price
MP402FFC	402FFC	1/4" NPT Female-Female, Steel	
MP402MFC	402MFC	1/4" NPT Male-Female, Steel	
MP404FFC	404FFC	1/2" NPT Female-Female, Steel	
MP404MFC	404MFC	1/2" NPT Male-Female, Steel	



▲ 402FFC

▲ 402MFC

Pressure/Flow Test Instruments