



Pneumatic Diaphragm Valves

PTFE Miniature Pneumatic Valves



Our **IPS Miniature Pneumatic Diaphragm Valves** offer precision performance under extreme conditions.

Offered as 2-Way NC, 2-Way NO, and 3-Way (four internal body orientations) PTFE Valves with multiple valve seat sealing methods, our IPS Miniature Pneumatic Diaphragm Valves are suitable for a wide range of ultra clean to highly corrosive media applications. Our all wetted 100% virgin PTFE surface design is ideally suited for semiconductor, pharmaceutical, bio-medical and chemical process applications. Configurable with a EPDM, Viton, Alfes, and Kalrez O-Ring seat seals or an optional PTFE Hard Seat, the IPS MTV Series valve line provides unsurpassed chemical compatibility with a wide range of flow media. The all wetted PTFE body, valve stem and one piece diaphragm maintain a material inert boundary for ultra clean applications.

HIGHLIGHTS:

- * PTFE design for ultra clean and chemical compatibility.
- * Lightweight pneumatic actuator with compact design.
- * PTFE diaphragm isolates the media from the actuator.
- * 100% pneumatic driven. No electrical requirements.
- * O-ring for vacuum and complex media applications.
- * Designed for aggressive media & elevated temps.

Other Options Available:

- * Special port connections & combinations.
- * With or without mounting studs (2 or 4 options).
- * Manifolded valve assemblies on request.
- * Hi Temp polymer actuator options available.
- * Auxiliary Plate (-AP) Option.

For highly corrosive or caustic media applications, the Auxiliary Plate (-AP) give an extra line of protection. The valve is configured with an auxiliary plate between the upper diaphragm and actuator. Call IPS Customer Service to discuss our AP option.