

Hex Instrumentation Valves

Caution: Hex Valve products must be installed, operated and maintained in accordance with these Instructions. Observe all applicable public and company codes and regulations when operating these valves.

Valve Installation

1. To protect the valve or manifold from foreign debris all pipe and impulse lines should be blown out before the valve or manifold is installed.
2. In preparing threaded connections, care should be exercised to prevent sealing tape from entering the pipe or impulse lines. We suggest three wraps of Teflon or one of Grafoil ribbon tape.
3. The flow arrow on the valve body must be pointed in the direction of flow. Review flow schematics, on manifold for proper installation. Valves or manifolds may be installed vertically or horizontally without affecting operation.

Valve Positions for Normal Operation

Model	Type	Isolation	Bleed	Equalizing	Vent/Test
HN39 & HN49	Needle Valve	Open			
HG65, HG12, HO25	Root Valve	Open			
HG46, HG48, HG47	Gauge Valve	Open			
HS31	Sample / Drain	Open			
HT01 & Ht03	Hi-Temp Valve	Open			
HG35, HB50, HB59	Block & Bleed	Open	Closed		
HGVS	Gauge Syphon	Open			
HM50 & HM59	2-Valve Manifold	Open	Closed		
HM58	2-Valve Manifold	Open			
HM53, HM54, HM45, HM46, HM88	3-Valve Manifold	Open		Closed	
HM55 & HM56	5-Valve Manifold	Open		Closed	Closed
HM57 & HM77	5-Valve Manifold	Open		Closed	Open
PM75 & PM76	5-Valve Manifold	Open		Closed	Closed

Note: To open, turn handle in counterclockwise direction. To close, turn handle in clockwise direction.

Valve Maintenance

1. Bonnet Packing Leakage - Tighten packing gland until leakage has stopped.
2. Seat Leakage – Valves or manifolds should be removed and scrapped. Do not attempt to perform repair. Always isolate valves before attempting to remove from piping.

Maximum Operating Pressures and Temperatures

For maximum design pressure/temperature ratings, please review valve markings. These products comply with Article 3, Paragraph 3 of Directive 97/23/EC.