



KL6 LARGE BORE MANIFOLDS

**Differential Pressure | Natural Gas | Static Pressure
Integral | Block & Bleed**



SINCE

1909

Valves and equipment for the world's energy markets.

Manifold Valves

Performance Under Pressure

When you choose Kerotest Manifolds, you choose instrumentation valves that consistently perform under pressure and up to the highest industry standards. We build these manifold valves to work hard and last long – that's the *Kerotest of time*.

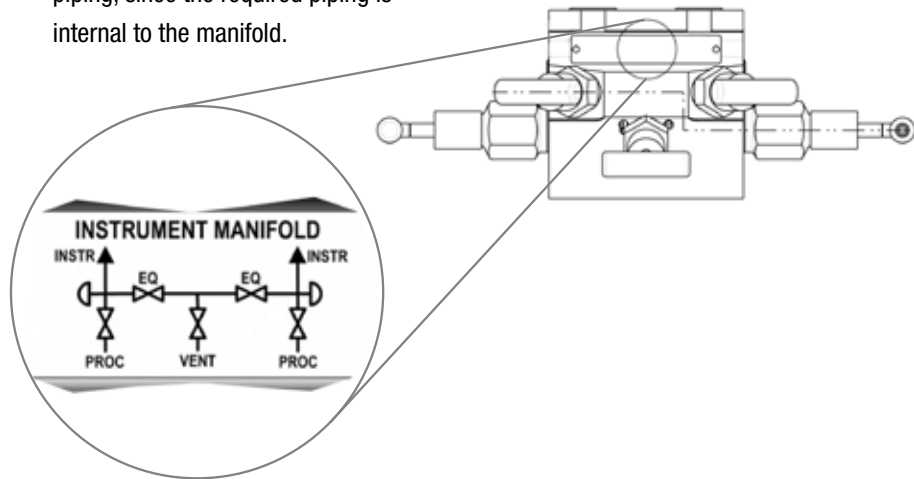
All are made right here in the U.S. with quality raw materials and are skillfully shaped by experienced machinists in our Pittsburgh, PA, and Mansura, LA, manufacturing facilities. Rigorous field testing ensures that every manifold displaying the Kerotest name will perform as specified and deliver under virtually any condition or installation required by your instrumentation system.

If a manifold valve is going to work as hard as you do, then the people who build it had better be just as dedicated. Our engineers, designers and production associates are all part of a company committed to delivering consistently great performances. That means they work to exceed specifications and skillfully add to each design, so that what you get is better than anything you expect.

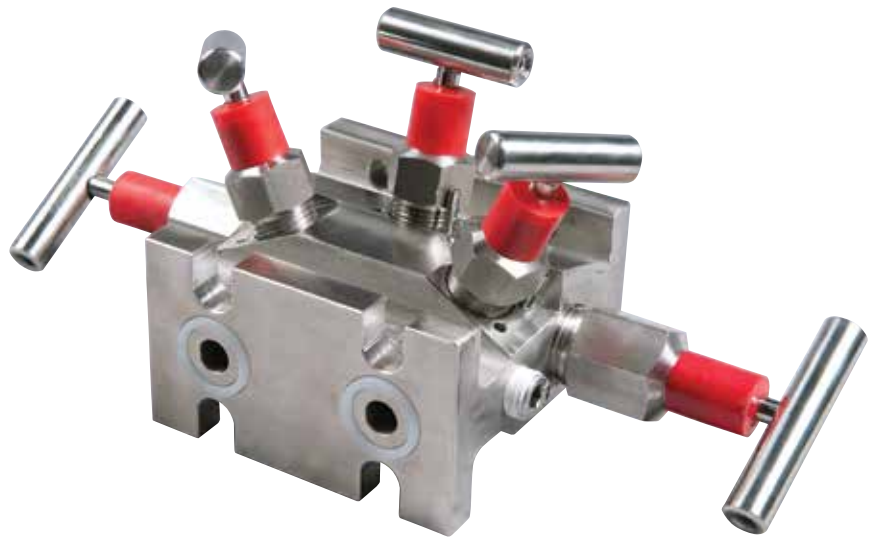
Since 1909 we have designed, manufactured and delivered. Trust that every day, we're going to work as hard as you do.

Kerotest Manifolds Performance Under Pressure

The newest models of the Kerotest® Large Bore Manifold lineup are designed to capably perform isolation, equalization, bypass, test, and vent operations without the need for external piping, since the required piping is internal to the manifold.



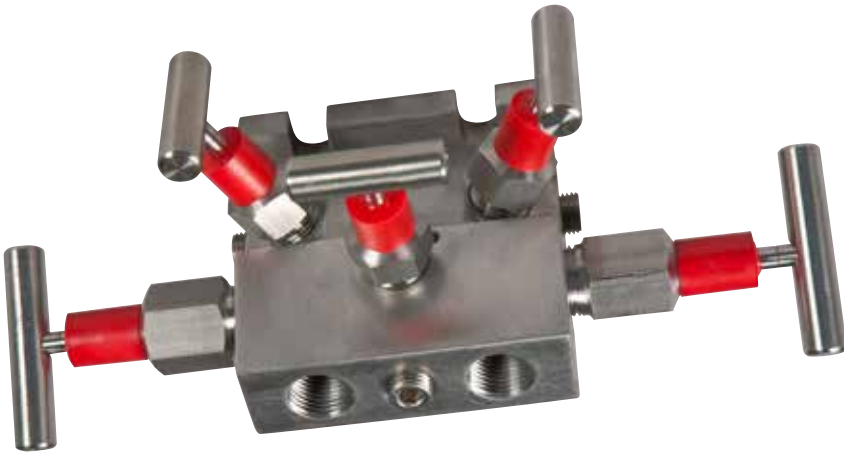
KL6 Flange-by-Flange Manifold



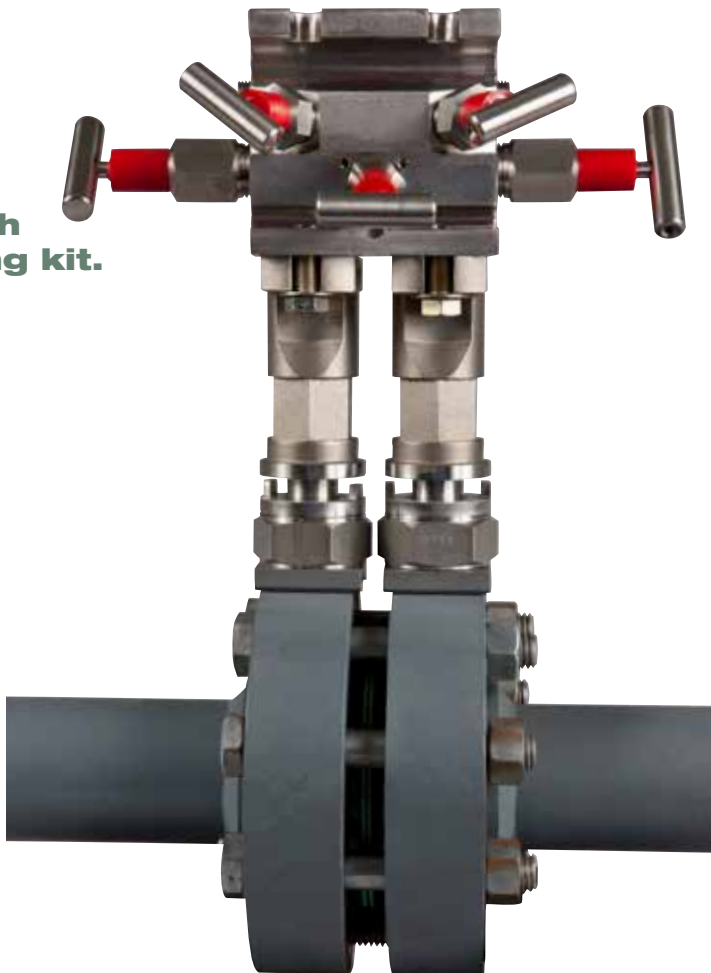
Materials of Construction

BODY CONFIGURATIONS:	Pipe-by-Flange or Flange-by-Flange
PACKING STYLE:	Double O-Ring with Backup Rings
SEAT MATERIAL:	Delrin™ or Tefzel™
BODY MATERIAL:	316 Stainless Steel or ASTM A576 Carbon Steel
PIPE THREADS:	1/2" FNPT

KL6 Pipe-by-Flange Manifold



KL6 with mounting kit.



Let the Benefits Flow

The new 3/8-inch large bore manifolds offer some major benefits over standard bore manifolds when used in on-shore and off-shore applications. By minimizing gauge line error, they ensure that the measurement unit is reading the correct pressures – vital to the proper calculation of flow.

The 5-valve large bore manifolds, besides featuring roddable 3/8-inch main isolation openings, now deliver:

- Improved line drainage eliminating problems associated with wet gases and hydrates
- Bubble tight soft-seats for worry-free shutoff
- A blowout-proof stem design to prevent accidental back-out and blowout issues
- Non-rotating taper tip stem design to reduce seat wear
- Metal-to-metal, bonnet-to-body seal to maintain shell pressure
- Both 6000 psi (Delrin™ Soft Seat) and 2000 psi (Tefzel™ Soft Seat) versions

And most importantly, the full line is assembled, stocked and shipped from the Kerotest manufacturing facility in Mansura, Louisiana for quick, cost-effective access in the hub of the processing industry.

BUILT TO PERFORM

The Kerotest KL6 Large Bore Manifold product line incorporates proven design features and the latest engineering advancements to truly deliver performance under pressure. Every model comes to you with a full complement of the following features and benefits:

- Roddable 3/8-inch large bore main isolation openings
- Ergonomic, non-knuckle busting handle positioning for smooth turns and accurate adjustments
- Bubble tight soft seats for worry-free shutoff
- Non-rotating taper tip stem plug design to reduce seat wear
- Blowout-proof stem design to prevent accidental back-out and blowout issues
- Mirror internal bonnet finish for extended packing life
- Dual high performance grade Viton™ O-Ring with PTFE backup ring packing design below stem threads
- Metal-to-metal, bonnet-to-body seal to maintain shell pressure
- Both 6000 psi (Delrin™ Soft Seat) and 2000 psi (Tefzel™ Soft Seat) versions
 - Delrin™ version is rated to 6000 psi from -25°F to 100°F and to 3000 psi at 200°F
 - Tefzel™ version is rated to 2000 psi from -25°F to 100°F and to 1000 psi at 200°F
- Pipe-by-Flange and Flange-by-Flange versions available
- Flow pattern is permanently marked for positive, lifetime identification
- Cv = 2.43 (found through ANSI-ISA S75.02 testing)
- Extensive testing includes:
 - 500 Cycles under full Cold Working Pressure (CWP) load
 - Shell tested to 150% of Cold Working Pressure (CWP)
 - Seat tested to 110% of Cold Working Pressure (CWP)
- Kerotest Manifolds meet the following standards:
 - ASME B31.1 – Power Piping
 - ASME B31.3 – Process Piping
 - API 598 – Valve Inspection and Testing
 - ISO 5208 – Industrial Valves – Pressure testing of metallic valves
 - MSS SP-99 – Instrument Valves
 - MSS SP-61 – Pressure Testing of Steel Valves



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