



KP-LOK HOUSTON INC.

KP-LOK offers the highest quality instrument



valves and fittings



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for the most demanding instrumentation field.

Quality is our commitment; while competitive pricing and delivery is our promise...



Who we are?

KP-LOK Houston Inc, is headquartered in Houston, Texas. is committed to becoming the innovative instrument valve manufacturer, which can best serve the needs of our customers. Utilizing over many years of experience, we aim to exceed our customers' expectations in quality, delivery, and cost through continuous improvement and customer interaction.

Needle Valves:	1/2"– 11/2"Rating 2000psi – 10.000psi, Non–rotating metal stem tip, Locking devices and anti–tamper
Monoflange Valves:	1/4"–2"Classes 150# – 2500# RF or RTJ flanges and threaded ends available OS&Y and screwed bonnet needle configurations
Manifold Valves:	1/4"–11/2"Rating 2000psi – 20.000psi ,two, three & five valve manifolds
Gauge Valves:	1/2"–2"Rating 2000psi – 10.000psi, Non–rotating metal stem tip, Locking devices and anti–tamper
Double block&bleed Valves:	1/2"–2"Classes 150# – 2500# Soft seated, Metal seated, single block, block and bleed and double lock and bleed, integral or modular typas available, FIREAFE
Metallurgy:	A105, SS304,SS316, LF2, F304, F304L, F316, F316L, Duplex SS, Inconel, monel,Hastelloy C,and NACE MR0175 / ISO 15156 available



Agents and Distributors

KP-LOK agents and distributors all over the world.

We are searching for partners who possess industry skill, knowledge, and experience to join the KP-LOK family. Our goal is to successfully develop and manage a distribution network and a platform for the sales of our product categories.



MONOFLANGES

MONOFLANGES



KP-LOK Manufactures monoflanges to replace multivalve assemblies with single,

flange-mounted manifold configurations. The main advantages over a typical system include compact design and weight savings, which can reduce stress from loading and vibration with fewer potential leak points and reduced installation and maintenance costs.

Features:

- Compact block, block and bleed, and double block and bleed assembly
- Outside screw and yoke (OS&Y) bolted-bonnet and integral screwed-bonnet construction
- ANSI B 16.5 flanged inlet connections from 1/2" to 2"
- Rating from 1150lbs up to 2500lbs
- Also available: API 6A flanged inlet connections from 1 13/16" up to 2 9/16" with rating
- up to 10,000 psi
- Anti-blowout valve stems and non-rotating needle tips

Firesafe to BS6755 part 2

INTEGRAL DBB VALVES



INTEGRAL DBB VALVES

KP-LOK integral DBB valves provides a smooth transition from process to instrumentation systems in a single, compact assembly. Benefits include reduced potential leak points, compact size and less weight compared to traditional systems. Process interface in one compact block, block/bleed or double block and bleed valve assembly.

Features:

- One piece forged body
- Available sizes: from 1/2" to 2"
- Flanged connections in accordance with ASME B16.5 RF and RTJ; NPT connections in compliance with ASME B1.20.1
- Anti-blowout valve stems and needle tips
- Rating ANSI from 150lbs up to 2500 lbs and API 6A 5,000 to 15,000psi
- Sampling and injection configurations also available



Modular double block and bleed valve

Modular double block and bleed valve



KP-LOK DBB valves for piping ensure a leak-tight reliability for your piping line and can be available in a variety of configurations:

Features:

- Single block, block and bleed or double block and bleed assembly
- One piece design or modular construction (two or three piece design)
- Available sizes from 1/2" up to 48"
- Full or reduced bore
- Flanged connections in compliance with ASME B 16.5 RF and RTJ
- Construction and testing according to API 6A and API 6D
- Anti-blowout valve stems and needle tips
- Rating ANSI from 150 lbs up to 2500 lbs and API 6A 5,000 to 15,000 psi

VALVE MANIFOLDS

VALVE MANIFOLDS



KP-LOK offers a wide range of 2,3,4 and 5 valve instrumentation manifolds. The 2 valve manifolds are designed for static pressure and liquid level applications, the 3,4 and 5-valve manifolds are designed for differential pressure applications.

Features:

- Tee bar easy manoeuvrability with minimum effort
- PTFE packing standard, optional graphoil
- Stainless steel construction as standard, optional: carbon steel, duplex, super duplex, Monel 400, Hastelloy C276, Inconel 625, Titanium and Incolloy 825
- Colour coded functional identification
- Externally adjustable gland
- Wide choice of end connections
- Dust cap to prevent contaminations on the operating thread

HIGH PRESSURE VALVES



HIGH PRESSURE VALVES

KP-LOK high pressure valves are designed for liquid and gas flow control. Our valves are stable for manual operation in temperature ranging from -73°C to 315°C (-100°F to $+600^{\circ}\text{F}$) and wide choice of body styles is available.

Features:

- Various tubing sizes to satisfy different requirements
- Pressure from 15,000 (1,034 bar) up to 60,000 psi (4,136 bar)
- Connections from 1/4" to 1" NPT or coned and threaded tube
- Non rotating stem prevents galling and scoring
- Stem sleeve and packing gland materials are selected to achieve extend thread cycle and reduced handle torque
- standard material of construction include 316 L cold-worked stainless steels and glass-filled PTFE packing
- Also available for cryogenic service, temperature -196°C to $+180^{\circ}\text{C}$ (-320°F to $+356^{\circ}\text{F}$)



NEEDLE AND GAUGE VALVES

NEEDLE AND GAUGE VALVES



KP-LOK needle valves with union-bonnet construction are available in a variety of material and end connections.

Features:

- Pressure from 6,000 psi(413 bar) up to 10,000 psi(689bar)
- Temperature rating PTFE packing from -73°C to $+210^{\circ}\text{C}$ (-99°F to $+410^{\circ}\text{F}$)
- Temperature rating GRAPHOIL packing from -54°C to $+510^{\circ}\text{C}$ (-65°F to $+950^{\circ}\text{F}$)
- Port size from 1/4" up to 1"
- Standard material stainless steel 316L

BALL VALVES FOR INSTRUMENTATION

BALL VALVES FOR INSTRUMENTATION



KP-LOK three piece simple ball valve is designed to provide higher strength and integrity by using the same dynamic multi-ring gland system as in the needle valve, which when combined with the anti-blowout back seating stem, guarantees resistance to many operating process and pressures.

Features:

- Pressure 6,000(413) or 10,000(689 bar)
- PEEK packing standard
- Temperature rating from -40°C to $+260^{\circ}\text{C}$ (-104°F / 500°F)
- Standard material: 316L stainless steel
- Super finished floating ball with dynamic, self relieving PEEK gasket
- End connections from 1/4" to 1"
- Locking device option also available

OTHER CUSTOMER TAILOR-MADE VALVE



OTHER CUSTOMER TAILOR-MADE VALVE

VALVE WITH SPECIAL CONFIGURATION

O.S.&Y.bonnet,locking device,anti-tamper,panel mounting: these and many other options are available for our products.

PAINTED VALVES

Epoxy-polyurethanic coating as standard, special painting systems are also available upon request

DISTRIBUTION MANIFOLDS

6,8 and 10 valve distribution manifolds are suitable for your multiport connections requests

SPECIAL MANIFLODS

Our manifolds can be customized according to your needs.