

TECHNOLOGY, APPLIED™

Instrumentation Products Division Sales Offices

France - Paris

Tel: +33 14111 5390

Fax: +33 14111 0119

Germany - Frankfurt

Tel: +49 6134 204243

Fax: +49 6134 284227

Italy - Milan

Tel: +39 0245 1921

Fax: +39 0244 79340

Norway - Stavanger

Tel: +47 518 26 300

Fax: +47 518 26 301

Middle East - Abu-Dhabi

Tel: +971 26 788587

Fax: +971 26 793812

Finland - Vantaa

Tel: +358 9476 731

Fax: +358 9476 73200

Sweden - Flen

Tel: +46 157 43 4900

Fax: +46 157 43 4901



Parker Hannifin plc
Instrumentation Products Division
Riverside Road
Pottington Business Park
Barnstaple, Devon EX31 1NP
England
Tel: +44 (0)1271 313131
Fax: +44 (0)1271 373636
Email: ipd@parker.com
www.parker.com/ipd



Instrumentation Valves and Manifolds

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Leading the world

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Leading the world



From its European manufacturing headquarters in Barnstaple UK, Parker Instrumentation is a world leader in the design and manufacture of precision instrumentation manifolds and valves for the varied oil, gas and process industries across the world.

State of the art design capabilities

Utilising state of the art computer aided design tools plus a wealth of technical experience, Parker Instrumentation have built an enviable reputation for inspired design.

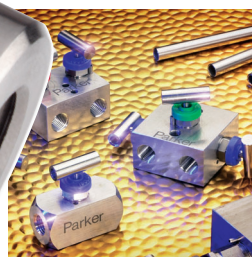


Innovation

Renowned for their unique solutions, innovation is key to Parker Instrumentation's world leading status. Examples of unique solutions include:

Mini manifolds

- Exceptional space and weight savings.



Pro-valve

- Eliminates leakage paths.



PTFree Connect®

- A breakthrough solution eliminating the need for PTFE tape.

A dedication to quality underlies Parker Instrumentation's supreme manufacturing capability. The state of the art 10,000m² facility is ISO 9001 approved and adopts the latest machining techniques and manufacturing strategies to provide precision engineered products to the highest quality.



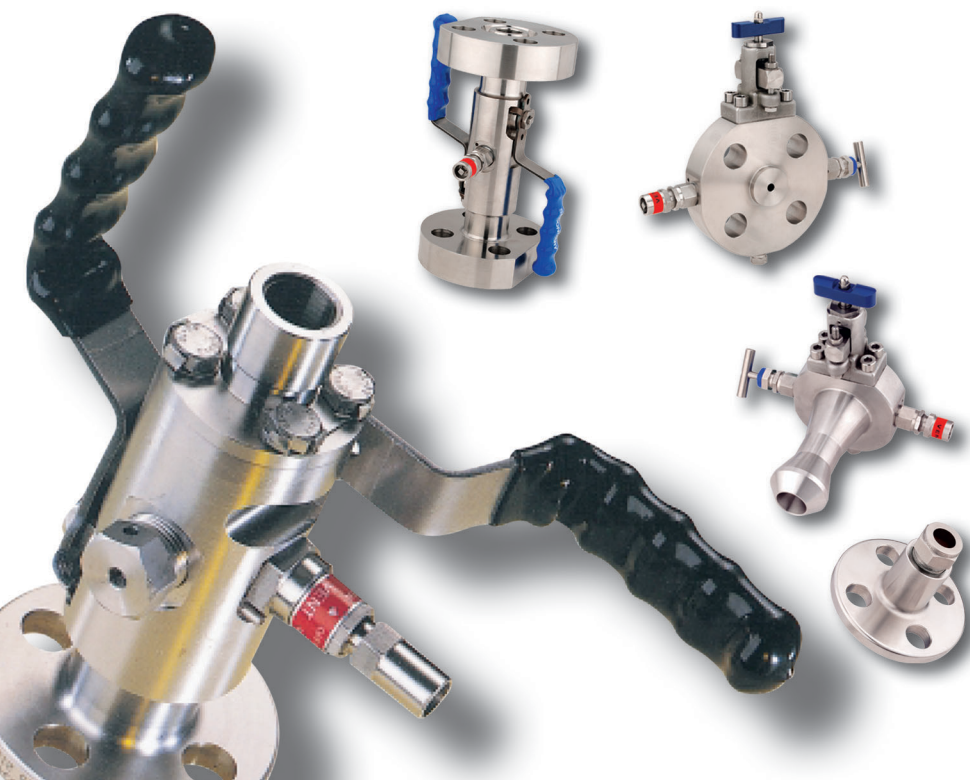
World class manufacturing

Premier customer service

Through a strong network of field sales engineers, sales offices and distributors throughout the world, you are never far from a competent and fully trained sales and support network. All our sales offices and distributor locations employ the latest IT systems to ensure 24 hour a day, 365 days a year support and product availability.



Double block & bleed & flanged manifolds



A complete range of double block and bleed firesafe manifolds and conversion connectors

Pro-bloc

Designed to replace conventional multiple valve arrangements by combining all valves into a single construction.

Pro-valve

Constructed as a one piece double block and bleed system which can be welded directly into pipework. This design is the ultimate in leak path elimination.

Monoflange

Offering substantial space saving through its compact design, the range offers configurations from single vent to double block and bleed with O. S & Y bonnet assembly.

Flange connector

One piece switchover unit from pipe flange to tubing which eliminates leakage paths.

Pressure manifolds



Comprehensive range for interface with pressure gauges, transmitters and switches

Designed to combine single isolate and vent into one block, Parker produce the most comprehensive range available with valves and connections positioned to suit any installation requirement. Colour coded dust caps give a clear indication of the valve functions eliminating the possibility of incorrect operation. Manifolds can be provided with connections in NPT, BSPT, BSPP and Parker's unique PTFree connect®.

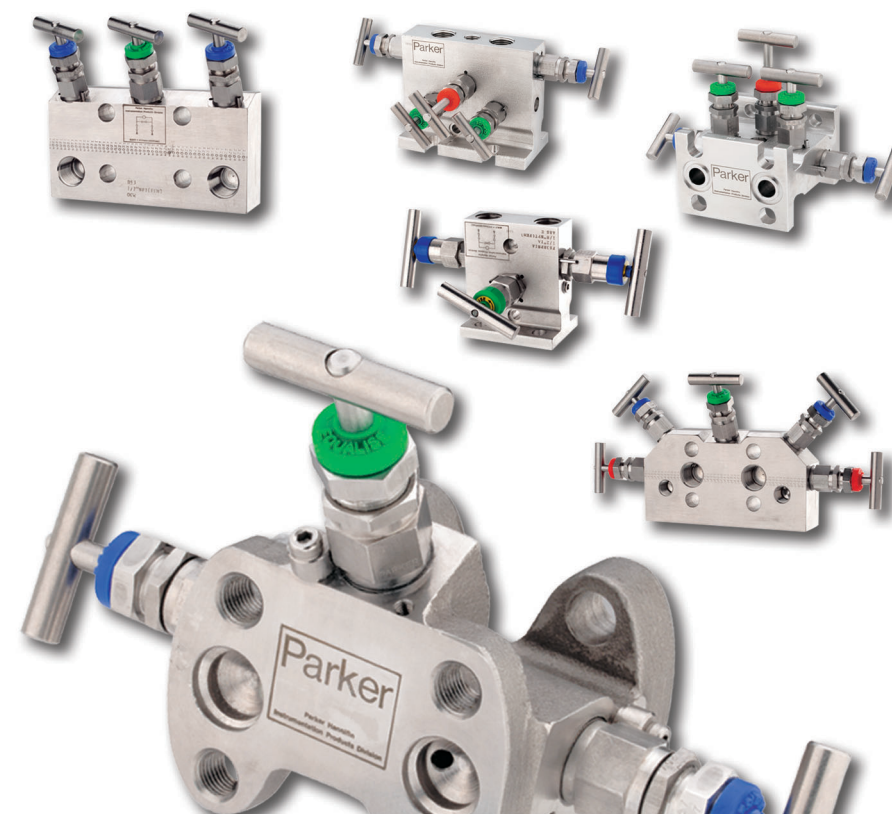
Hand valves



Needle, multi port, gauge, rising plug, O. S & Y, high pressure and cryogenic valves

The standard range of instrument valves can all be provided with integral compression ends, minimising leakage paths and increasing safety factors. Valves with a pressure rating of up to 690 bar (10,000psi) are available as standard and can operate at cryogenic temperatures of -196°C to $+538^{\circ}\text{C}$.

Flow manifolds



Manifolds in a variety of configurations for interface with differential pressure transmitters

A comprehensive range of 3 and 5 way manifolds produced in compact form from flat bar stock or extruded formed shape. Available as standard in 316L stainless steel, options also include Monel, Super Duplex's, Hastelloy, 6Mo, Titanium, Incoloy and Inconel. A variety of connections are available including the new PTFree connect® Full heat code traceability and compliance with NACE is offered.

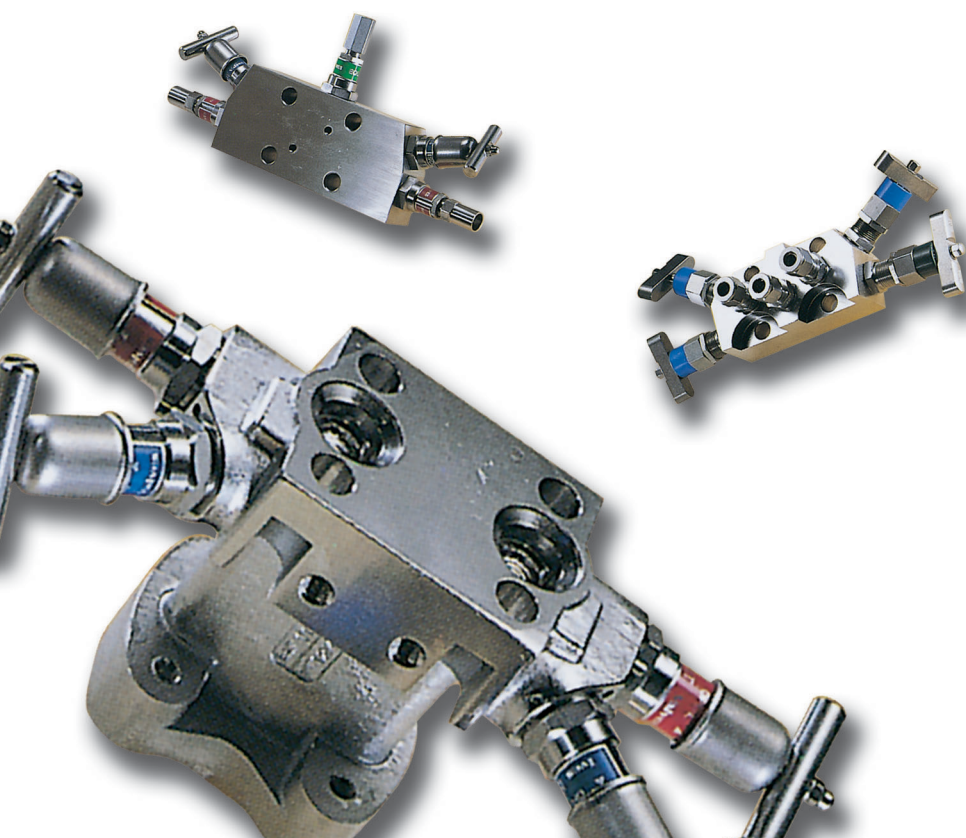
Distribution manifolds



Distribution manifolds for multiple air, gas, liquid and vapour lines

Parker provide two designs of distribution manifolds. The ADM style for low pressure air lines and signals is available as standard as a 5 or 10 way system and operates at up to 21 bar (300psi). High pressure 414 bar (6000psi) units are available with up to 20 valves in one block and can be wall or panel mounted. These products are 316L stainless steel as standard and can also be produced in a range of exotic materials. Other valve formats e.g. ball style are also offered.

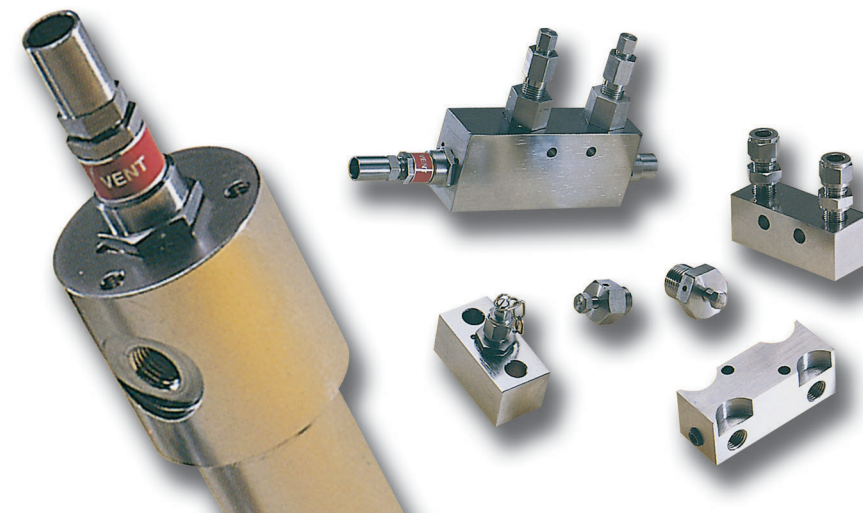
Omnibloc manifolds



An extensive range of modular mountable manifolds intended to reduce impulse line leakage paths

The Parker Omnibloc range has been designed to fully comply with the Shell specification against which they were originally produced. The total system range is available including mounting plates, brackets and enclosures. Modular pre-assembly is available with this product range.

Seal pots, purge blocks, filling connectors



Designed as complimentary products to the omnibloc modular system

Seal pots are available in two sizes 50ml and 150ml and are equipped with an integral vent working at up to 414 bar (6000psi). Filling connectors are provided with integral non return valves and filling connection protectors to prevent damage and debris ingress. Single and double venting purge blocks for continuously injecting fluid into impulse lines are also available.

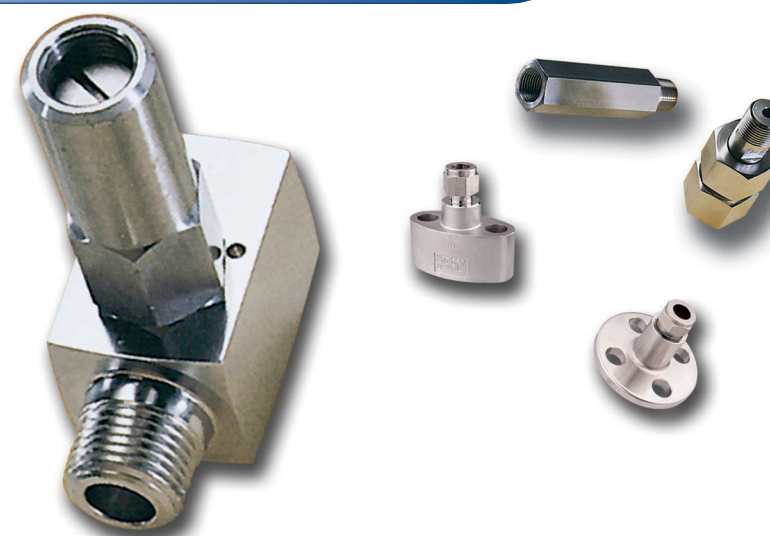
Enclosures, cabinets and shelters



Enclosures, cabinets and shelters for field protection of sensitive instrument systems

Parker can provide an extensive range of customised enclosures, cabinets and shelters designed to meet the most demanding of rigorous weather and natural element conditions. Enclosures can be completely supplied and factory fitted with manifold, junction box, heating and instruments all intended to simplify on site hook ups.

Accessories



Gauge adapters, overrange protectors, kidney flanges, syphons

Parker provide a comprehensive range of additional products for the process measurement industry. Many of these are for the protection of instruments from pressure spikes and to provide thermal barriers. Other products such as kidney flanges can be provided with integral compression connections.