Parker specializes in the design and manufacture of all types of thermowells. Custom designs as well as modifications to our standard design are readily available.

- Available in virtually any configuration or material to fit various applications
- Thermowell styles offered include threaded, flanged, van stone, socket weld, sanitary and weld-in
- Custom options include PTFE coating, Stellite overlay, Solid Stellite tips, Full penetration welding on flanged thermowells, Electro-polishing, Oxygen cleaning, Tantalum and Titanium sheaths
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ISO 9001:2008 Certified Quality System
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Parker’s Dual-Mount® design offers outstanding sealing performance in standard center-set valve and manifold systems. This intuitive design gives you a second mounting option while lowering risk of equipment damage or injury to personnel. Parker’s Dual-Mount® design is a cost-effective solution to unnecessary repair costs. It features Ultra-Core® or Pressure-Core® stem seal technology, which provides sealing performance in a compact, lightweight design. Parker’s Dual-Mount® design is perfect for applications requiring maintenance in confined spaces or areas with high vibration. This dual-mount option allows for easier maintenance and increased reliability while fitting into tight spaces. Dual-Mount® systems are compatible with Parker’s entire range of valves and manifolds, making it easy to integrate into existing systems. Dual-Mount® systems are available with a variety of materials, including stainless steel, Hastelloy C, and Monel. For the perfect application, Parker’s Dual-Mount® system can be customized to fit your specific needs. Parker’s Dual-Mount® design offers outstanding sealing performance in standard center-set valve and manifold systems. This intuitive design gives you a second mounting option while lowering risk of equipment damage or injury to personnel. Parker’s Dual-Mount® design is a cost-effective solution to unnecessary repair costs. It features Ultra-Core® or Pressure-Core® stem seal technology, which provides sealing performance in a compact, lightweight design. Parker’s Dual-Mount® design is perfect for applications requiring maintenance in confined spaces or areas with high vibration. This dual-mount option allows for easier maintenance and increased reliability while fitting into tight spaces. Dual-Mount® systems are compatible with Parker’s entire range of valves and manifolds, making it easy to integrate into existing systems. Dual-Mount® systems are available with a variety of materials, including stainless steel, Hastelloy C, and Monel. For the perfect application, Parker’s Dual-Mount® system can be customized to fit your specific needs. Parker’s Dual-Mount® design offers outstanding sealing performance in standard center-set valve and manifold systems. This intuitive design gives you a second mounting option while lowering risk of equipment damage or injury to personnel. Parker’s Dual-Mount® design is a cost-effective solution to unnecessary repair costs. It features Ultra-Core® or Pressure-Core® stem seal technology, which provides sealing performance in a compact, lightweight design. Parker’s Dual-Mount® design is perfect for applications requiring maintenance in confined spaces or areas with high vibration. This dual-mount option allows for easier maintenance and increased reliability while fitting into tight spaces. Dual-Mount® systems are compatible with Parker’s entire range of valves and manifolds, making it easy to integrate into existing systems. Dual-Mount® systems are available with a variety of materials, including stainless steel, Hastelloy C, and Monel. For the perfect application, Parker’s Dual-Mount® system can be customized to fit your specific needs.
Parker’s Valves and Direct-Mount® Systems

**Pressure-Core® Stem Seals**

Parker’s Pressure-Core® Stem Seals offer outstanding sealing technologies. At Parker, our patented Pressure-Core® design guarantees high performance in a variety of conditions. Parker's Pressure-Core® technology offers advanced sealing technology in standard OS & Y bonnets. The Pressure-Core® stem seal ensures even contact with the stem, regardless of the load applied. The Pressure-Core® design guarantees high performance in a variety of conditions. Parker's Pressure-Core® technology offers advanced sealing technology in standard OS & Y bonnets. The Pressure-Core® stem seal ensures even contact with the stem, regardless of the load applied.

**Performance Features**

- **Pressure Core® Stem Seals for**
  - Pressure Up to 6,000 PSI (414 Bar)
  - Temperature Up to 1,000˚F (538˚C)
  - Materials Carbon Steel, 316 SS or Specialty Metals
  - Orifice Sizes .136" .187" .250" .375"

**Applications**

- **Pressure Gauge**
  - For use in industrial and process applications
- **Pressure Switch**
  - For use in industrial and process applications
- **Flow Calibration**
  - For use in industrial and process applications

**Materials Compatibility**

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  - Up to 1,000˚F (538˚C)
- **Pressure**
  - Up to 6,000 PSI (414 Bar)
- **Materials**
  - Carbon Steel, 316 SS or Specialty Metals

**Design**

- **Seal Design**
  - PTFE Pressure-Core®
- **Stem Seal**
  - Anti-tamper bonnet that allows the bonnet stem to be placed in any position before removing the handle.
- **Turn-Saver**
  - Provides the best compromise between torque and through-rotation requirements.

**Instrumentation & Multi-Port Valves**

Parker's Instrumentation & Multi-Port Valves are designed to meet all legal and maximum capacity, making them ideal for a wide variety of industrial process conditions. Parker’s Multi-Port Valves can be used for multiple production or process functions.

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**Direct-Mount® Systems**

Parker’s Direct-Mount® Systems offer a unique combination of ruggedness and reliability. Parker’s Direct-Mount® Systems utilize our patented Pressure-Core® stem seal and Turn-Saver® technologies. Parker’s Direct-Mount® Systems are designed to meet all legal and maximum capacity, making them ideal for a wide variety of industrial process conditions. Parker’s Direct-Mount® Systems can be used for multiple production or process functions.
**Parker’s Valves and Direct-Mount Systems**

**Direct-Mount Systems**

Parker’s famous Direct-Mount® System includes the patented PTFE Pressure-Core® Valve. This feature is available at no extra cost in any size, material or seating option. Parker’s Direct-Mount® System offers the lowest possible dead space, the lowest possible flow restriction and a wide range of materials to choose from. The Direct-Mount® System also includes a four-stage, low-stiction, bell-and-spoke stem seal and a proprietary assembly technique to lower stem torque by 50%. This reduces stem abrasion and stem damage from over-torqueing.

**Instrument & Multi-Port Valves**

Parker’s Multi-Port Valves are designed to easily build plant sub-systems. These valves are available in a variety of designs that meet the most severe conditions. Parker Multi-Port Valves can be used for multiple positioning, or are available with direct-mount configurations.

**Direct-Port Valves**

Direct-Port Valves are a recognized industry standard in the close coupling of manifold systems. Parker’s Direct-Port Valves are available with a variety of stem seal and stem seal designs. These valves feature a patented steel stem seal, which is designed to handle small diameter bonnets, and to eliminate the need for a packing gland. The Direct-Port Valves are also available in a variety of materials and with a variety of seating options.

**Pressure-Core® Stem Seals**

Parker’s Pressure-Core® Valve stem seal is the lowest possible dead space, the lowest possible pressure and a wide range of materials to choose from. Parker’s Pressure-Core® Valve stem seals are available in a variety of designs that meet the most severe conditions. Parker’s Pressure-Core® Valve stem seals feature a patented steel stem seal, which is designed to handle small diameter bonnets, and to eliminate the need for a packing gland. The Pressure-Core® Valve stem seals are also available in a variety of materials and with a variety of seating options.

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**Power & Root Valves**

All Parker Power Roots comply with API 651, I-P Power Piping Code, ASME Section III Class 1, and ASME Section VIII Class 1. Parker’s Power Roots are available with a variety of seating options, including carbon steel, stainless steel, and exotic alloys. Parker’s Power Roots are also available with a variety of materials and with a variety of seating options.

**Sampling Systems**

RMS provides a wide variety of sampling systems and accessories to meet the needs of any application. They are designed to provide accurate, reproducible, and repeatable samples. The sampling systems are available in a variety of designs that meet the most severe conditions. Parker’s sampling systems are available with a variety of stem seal and stem seal designs. These valves feature a patented steel stem seal, which is designed to handle small diameter bonnets, and to eliminate the need for a packing gland. The sampling systems are also available in a variety of materials and with a variety of seating options.

**Natural Gas Sampling System Heated Enclosures**

Parker’s Natural Gas Sampling System Heated Enclosures are designed to meet the needs of any application. They are designed to provide accurate, reproducible, and repeatable samples. The sampling systems are available in a variety of designs that meet the most severe conditions. Parker’s sampling systems are available with a variety of stem seal and stem seal designs. These valves feature a patented steel stem seal, which is designed to handle small diameter bonnets, and to eliminate the need for a packing gland. The sampling systems are also available in a variety of materials and with a variety of seating options.

**2-Valve Manifolds | 5-Valve Manifolds | 10-Valve Manifolds**

Parker’s 5-Valve Manifolds permit the user to select and hook-up any combination of valves to meet specific requirements. Parker’s 10-Valve Manifolds permit the user to select and hook-up any combination of valves to meet specific requirements. Parker’s 5-Valve Manifolds permit the user to select and hook-up any combination of valves to meet specific requirements.