

# Parker Test Services

Offering a Full Range of Standard and Custom Testing



## Comprehensive test services from experienced engineers

The Engineering Test Lab at Parker's Integrated Sealing Systems Division utilizes state-of-the-art equipment and evaluation techniques to fully analyze your product. We offer a full range of standard and custom testing to complete your product development and design validation needs.

Our comprehensive testing services include fixture and equipment design. During the testing we continuously record a variety of parameters; such as temperature, pressure and vibration. Tests are monitored and inspected according to specification by our qualified technicians. Test documentation provided will consist of photographs, interim reports and a comprehensive final report.



### Contact Information:

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### Testing Services:

- Automotive (GMW 3155 Certified)
- Applied Pressure
- Applied Vacuum
- Data Acquisition
- Vibration & Shock
- Environmental Simulation
- Life Cycle
- Fatigue
- Custom Test Systems

### Benefits:

- Experienced Test Development Engineering
- Comprehensive Test Services
- Technical Customer Support

ENGINEERING YOUR SUCCESS.



## Test Services (continued)

Our experienced engineers will develop a custom test program designed to meet your specific requirements. Our state-of-the-art Engineering Test Lab's capabilities include:

### Envirotronics Environmental Chambers

- Temperatures from -60°C to 150°C
- Chamber size 44"W X 40"D X 37"H

### Chromalox Oil and Coolant Circulators

- Temperatures from ambient to 150°C
- Typical pressures up to 100 psig

### Hydraulic Pressure Units

- Matches temperature of environmental chamber used
- Typical hydraulic pressures up to 500 psig

### Hot Tank Hydraulic Testing Units

- Hydraulic bath environment
- Typical pressures up from 0 to 1500 psig
- Two independent pressure circuits
- Pressure cycling between 0 psig and peak pressure set point
- Cycle times from 0.5 to 999 seconds on/off (dependent on total hydraulic circuit)
- Typical tests run 500K - 3M cycles
- Pressure Intensifier Circuits
- Pressures up to 4000 psig



**Vibration testing capabilities are available.**

**Custom equipment, pneumatic and hydraulic circuits built to meet testing requirements.**

