

ENVIRONMENTAL TESTING SERVICES



Rapid turnaround, competitive rates, and a talented team to assist you achieving your goals

Vibration Testing:

- Large Capacity 7000 lbf UD-T508 Electrodynamic Vibration Table with Slip Plate

Highly Accelerated Life / Stress Testing:

- Typhoon 1.5 HALT / HAAS Thermal Vibration Chamber

Vacuum Testing:

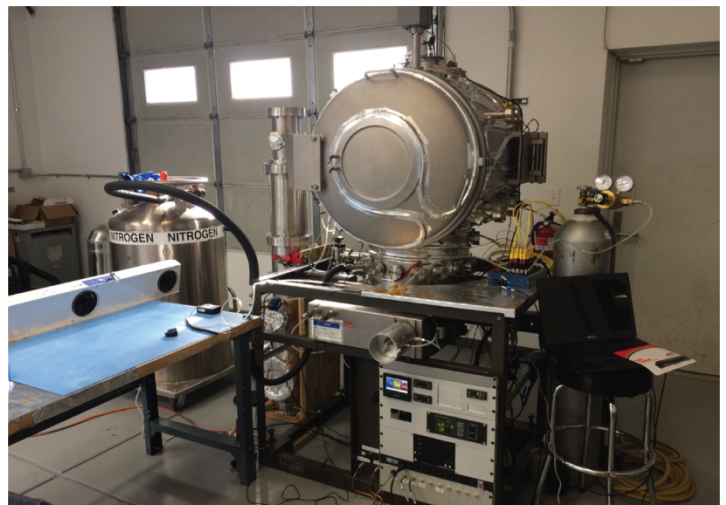
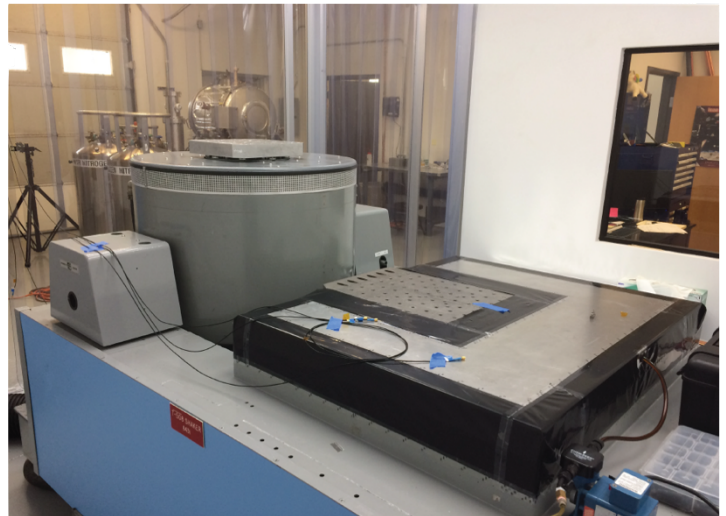
- Small Parts / Bake-out Chambers
- Long Cylindrical Deployer Chamber
- Large Diameter Chamber

Structural Testing:

- 25 kN Instron 1123 Electro-Mechanical Tension and Compression Tester

Capabilities

- 3-axis vibration testing up to 7000 lbf
- Simultaneous thermal / vibration accelerated life testing for aerospace and ruggedized components
- High Vacuum Testing < 10⁻⁵ Torr
- TVAC thermal cycling
- Residual Gas Analysis (RGA) for direct measurement of outgassing byproducts
- Vacuum compatibility/survival testing
- Leak Testing
- Degassing epoxies and resins / vacuum drying
- In-vacuum linear and rotary motion testing
- In-vacuum boom deployment (up to 50")
- ESD provisions (grounding, humidity, etc.)
- Tension / Compression testing for materials and components
- Insertion / Extraction testing for connectors and couplings



People

A unique multi-disciplined team of engineers, scientists, researchers and creative with a proven track record of solving tough space robotics and interface problems by combining proven technologies, new products and foresight.

What's your project? Contact us today to learn more: kdrake@altius-space.com