

**ULTRA THERMO SCIENTIFIC**  
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## Environmental Testing

UTS is a Environmental Test Rig manufacturer and is in the Environmental Testing Field for more than a Decade. Environmental testing through UTS can take your products to their operating limits to see how they will perform once exposed to real life functional extremes.

UTS provides comprehensive independent environmental testing services to industry, individually tailoring client's environmental requirements to assist product development and verification programmes. UTS can perform confidence testing or full qualification tests on manufactured products. This testing supplies results that will provide your product with the competitive edge.

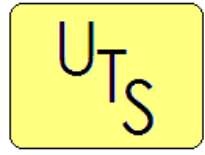
Typical environmental tests include:

- Vibration
- Climatic cycling (Hot, Cold, Humidity)
- Combined Environmental Test ( Vibration / Hot,Cold,Humidity )
- Thermal shock
- Corrosion resistance

All products whether industrial, domestic or military are susceptible to stress inflicted on them by the environment in which they operate. Before placement on the market it is essential you know how your products will perform under these conditions. Field failures and product recalls can have a devastating effect on new product launches.

We can evaluate prototypes, reducing the risk of field failures when the product is launched. We can stimulate the conditions of the product usage and transportation, plus we can provide advice on failure trend analysis to aid product refinement.

Please call us to discuss about your Test / Test Rig Requirements and Costing



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## Environmental Simulation

Our Equipments has facilities to meet the environmental testing requirements of Automotive, commercial and military specifications including, but not limited to:

- MIL-STD
- JIS
- IS
- ASTM
- NEMA
- IEC

Although much of our equipment is designed to meet the requirements of internationally accepted specifications, we combine technologies to meet many custom requirement.

## Climatic /Environment/Cyclic / Thermal Shock / Composite Vibration under Thermal Conditions / Rain / Dust Test Chambers

Extreme Environments are the leading cause of failure in almost all types of equipment. Our computer controlled chambers can produce constant or cyclic temperatures ranging from -65degC to 180degC, Humidity profiles between 20% to 95% RH at low and high temperatures, Thermal Shock, Composite Vibration under Thermal Conditions, Effects of Rain and Dust in your Lab Convenience.

