

Temperature and Humidity Environmental Chambers

Many of our [temperature and humidity](#) test chambers are capable of temperatures ranging from -70°C to +180°C (-94°F to +356°F) and relative humidity from 10% to 98%, in sizes beginning at 1.0 cubic liters. Our unique [Universal Port](#) option provides SE-Series chambers with enhanced capabilities, increased test system utilization, reduced capital investment, and a more productive test lab.

- [Benchtop Environmental Test Chambers](#)
- [S/SM-Series Environmental Test Chambers](#)
- [SE-Series Environmental Test Chambers](#)
- [Universal Port](#)
- [Walk-In Environmental Chambers](#)



Solar Panel Testing Chambers

Technosys is proud to offer several models of environmental test chambers that meet or exceed the requirements for solar panel testing. Our solar panel test systems are specifically designed and manufactured to perform temperature and humidity cycling including humidity freeze/thaw tests on various sizes of solar panels and modules.

- [Temperature and Humidity Chambers](#)
 - [Walk-In Chambers](#)
 - [Product Fixturing](#)
 - [Functional Test Solutions for Solar Panel Testing](#)
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Fast Change Rate Chambers

For customers requiring fast change rate chambers, Technosys offers several test chambers capable of providing thermal change rates from 5 °C/minute to 40 °C/minute.

- [Accelerated Stress Test \(AST\) Chambers](#)
 - [AGREE Environmental Test Chambers](#)
 - [Environmental Stress Screening](#)
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Accelerated Stress Testing (AST) Chambers

Technosys AST system accelerates fatigue in products to quickly reveal design defects. Utilizing extreme temperature change rates and repetitive shock multi-axis vibration, you can determine product design and operating limits in just hours, rather than years. Our systems are capable of running a variety of stress testing methods including HALT, HASS, FAST, and more.

- [Accelerated Stress Test \(AST\) Chambers](#)
 - [AST-20R Accelerated Stress Test \(AST\) Chambers](#)
 - [AST Modules](#)
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Specialty and Custom Test Equipment

Working closely with our customers, we are able to provide [specialty & custom](#) test equipment including altitude, automated corrosion, moisture, sand and dust chambers, and many more. Our core competencies include ultra-low temperatures, environmental simulation and control, and application-specific instrumentation.

- [Altitude Test Chambers](#)
- [Automated Corrosion Test Chambers](#)
- [Custom Environmental Test Chambers](#)
- [Cytogenic Drying Chambers](#)
- [Moisture Test Chambers](#)
- [Refrigeration Training Chambers](#)
- [Sand & Dust Chambers](#)
- [Sunload Enclosures](#)
- [Thermal Shock Test Chambers](#)
- [Walk-In Environmental Chambers](#)



Functional Test Solutions

Our [Product Test Solutions](#) group is able to provide turnkey test systems including system integration, automatic test systems, functional test systems, or a unique custom design. Technosys has the experience needed to be your single-source for product testing.

- [Burn-In Test Systems](#)
 - [Continuity Monitoring System](#)
 - [DC/DC Converter Test](#)
 - [Electro migration Test](#)
 - [Engine Controller \(ECU\)](#)
 - [Functional and Parametric Testing](#)
 - [Instrument Panel Testing](#)
 - [Load Assemblies for Test Systems](#)
 - [Mechanical Fixturing Solutions](#)
 - [Portable Functional Testers](#)
 - [Programmable Load Module](#)
 - [Sensor Testing](#)
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Vibration Test Systems

Our high performance vibration test systems can be used for standalone vibration testing or can be integrated with a test chamber for combined environmental testing. We are also the only company in the industry to manufacturer all components needed to create a combined environmental test facility including the chamber, shaker, amplifier, and all of the integrated control systems and software, as well as sliptables,

head expanders, and fixturing.

- [Electrodynamics Vibration Test Systems](#)
- [Repetitive Shock Vibration](#)
- [Vibration Control Systems](#)



Instruments, Controls and Software

Customers testing products where size or location of the product prohibits placing it in a conventional chamber can utilize Technosys [remote conditioning](#) technologies to simulate conditions a product may encounter in actual service.

- [Equipment Cooling Air \(ECA\) Units](#)
 - [Liquid Chillers](#)
 - [Portable Temperature Conditioners](#)
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