

Tenney's long history of providing environmental test equipment provides a firm foundation for applying leading edge technology to test room facilities. While some manufacturers have been content with the status quo, Tenney has consistently improved its room program with sound, logical, advancements. Tenney's expertise in environmental control allows you to specify a room that can simulate altitude, humidity, and temperature in any configuration to perfectly fit your needs.

Applications

- Temperature and humidity cycling
- Automotive testing
- Appliance testing
- Electronic and electrical component testing burn-in
- Microbiology
- Medical research

Features

- Altitude simulation up to 200,000 feet
- Temperature range from -80°C to $+200^{\circ}\text{C}$
- Humidity range from 20% to 98% in the dry bulb range of $+20^{\circ}\text{C}$ to $+85^{\circ}\text{C}$, limited by a 3° dew point
- Flexible panelized modular design permits future expansion or relocation
- If application requires, welded, unitized construction
- Modular panels consist of aluminum stainless clad 4" foam polyurethane insulation
- Floors are 16 ga. Galvanized steel, designed to support 500 pounds per square foot.
- Rooms are precision-engineered to provide maximum airflow uniformity

Tenney Environmental Rooms



Tenney

- IEEE interface
- LinkTenn software that permits your computer to control up to 10 chambers
- RS422, 423, 232, or 485 interface assemblies
- Humidity water demineralizer cartridge system
- Viewing window, thermally insulated and heated
- Interior lighting
- Shelving
- Alternate power supply wiring
- Automatic CO₂ or LN₂ cooling boost system
- Ports, custom shapes and sizes
- Thermocouple or electrical feed-through terminals
- Special connectors
- GN₂ purge system
- Refrigeration taps and pressure gauges
- Remote console for instrumentation
- Recording instruments
- Redundant thermal protection and alarm system
- External dryer for obtaining humidity as low as 5% (to 20°C)
- Floor coverings
- Ramps
- Custom door sizes
- Electrical outlets
- Unitized construction
- Explosion resistant designs
- Variable air velocity
- Emergency exit provisions

