

ENVIRONMENTAL SIMULATION:

Industries Served: Aerospace, Defense. Electronics

Materials Tested: Plastics, Composites, Resins, Laminates, Flex/Rigid PCB's

Environmental Simulation is a method of determining how a product will perform in a specific environment by accelerating the exposure to that environment. The accelerated test environment may contain elevated or reduced temperatures, increased relative humidity, pressure or other simulated conditions such as exposure to chemicals. Electrical and mechanical attributes are often evaluated during or after accelerated environmental exposures to further ascertain the product's performance under severe conditions. This accelerated aging allows the prediction of how a product will perform throughout its life cycle.

Test Capabilities/Method:

- Conducting Anodic Filament (CAF) Testing
- Corrosion
- Electromigration Resistance
- Flammability
- Humidity
- Immersion
- Moisture Resistance
- Steam Aging
- Surface Insulation Resistance (SIR)
- Temperature Aging
- Temperature Cycling
- Thermal Shock
- Thermal Stress
- UL Short and Long Term Thermal Aging