



Conditioned Room & Cabinet

Conditioned Room & Cabinet

Conditioned Rooms & Cabinets



Precision Environmental Control for Regulatory Compliance

- UN ECE R100 - Battery Thermal Conditioning
- UN ECE R118 - Flammability Pre-Conditioning
- WLTP / EU 2017/1151 - Dyno Room Stability
- UN ECE R43 - Safety Glass Testing
- UN ECE R134 - Hydrogen-Powered Vehicles (H2)
- ISO 16750-4 - Climatic Loads for Electronics

High-Precision Stability:

Temperature control accuracy of ± 0.1 °C and humidity control of $\pm 2\%$ RH to meet the strictest homologation standards.

Long-Term Logging & Traceability:

Integrated data acquisition systems that provide 24/7 logging of environmental conditions, essential for technical service audits.

Safety Features for Battery Testing:

Optional fire suppression, gas detection, and pressure relief systems for battery "soak" rooms to ensure lab safety during EV testing.

Programmable Cycles:

User-friendly HMI allows for complex temperature/humidity profiles and automated 24-hour soaking timers.

