



Mini Cube (Accelerated Life Testing Lab)

General characteristics

Design	Test room with temperature and humidity control Short and long-term experiments Control room for set-up of parameters, execution of automated programmes and monitoring of the experiment
Internal dimensions	1.30 m x 1.52 m x 2.20 m (L x W x H)
Load Capacity	Objects with a mass up to 300 kg

Environment Control

Temperature Range <small>According to IEC 60068-3-5</small>	-40...+90°C ($\pm 1^\circ\text{C}$ in time $\pm 2^\circ\text{C}$ in space)
Temperature Rate of Change <small>According to IEC 60068-3-5</small>	1.7°C/min (-40...+85°C), 1.7°C/min (+85...-0°C), 1°C/min (+0...-40°C)
Relative Humidity <small>+10 °C < T < +90°C and according to IEC 60068 3-6</small>	20...95% ($\pm 5\%$ in time $\pm 5\%$ in space)
Dew Point Range for Continuous Tests <small>according to IEC 60068-3-6</small>	+2...+89°C

Support services offered

- Data-acquisition system with ambient T and RH sensors and five 3-wire Pt100-type temperature sensors attachable to the DuT
- Data security management: The system guarantees data integrity and ensures that the data is inaccessible to unauthorised parties
- Support during the whole testing chain: from test design to execution and reporting