



LabEvent L C/34/40/6 (CO₂) Laboratory Climate Test Chamber

The LabEvent L C/34/40/6 (CO₂) is the compact all-rounder for laboratories that need to qualify small test specimens under climate conditions and significant cold exposure. With 34 l test space, it combines a small footprint with a temperature range from -40 °C to +180 °C. Temperature change rates of up to 6 K/min in cooling and 4 K/min in heating support efficient test cycles. For climate testing, +10 °C to +95 °C and 10 to 95 % RH are available. R744 CO₂ refrigeration makes this version attractive for sustainable laboratory environmental simulation. Options such as ESD, Li-ion safety, access ports or mobile configuration extend its use in the test process.

Applications:

For compact electronics, sensor and automotive specimens that need to be qualified under humidity and cold down to -40 °C. The 34 l test space is suitable for early development and quality assurance tests directly in the lab, for example on PCBs, connectors, displays or control modules. In defence and AI applications, the version supports standards-oriented climate testing with a small footprint. ESD, Li-ion, access-port and mobility options make it easier to adapt the chamber to project-specific test setups.

Our highlights:

- Compact Design
- Also with new climate-friendly refrigerant R744
- Low connected load/energy consumption
- Quiet operating noise
- Wide climatic range with 10 – 95 % RH
- Protect your valuable test material.
- Stress Screening possible
- Customised to the requirements of your test

Technical Data.

LabEvent L C/34/40/6 (CO2)

Selection of relevant options

Label	Description
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Further relevant information

