



Laboratory test chambers for R&D and quality control.

Reliable temperature and climate tests in the versatile space miracle LabEvent.

In research, development and quality assurance, temperature and climate tests according to DIN, ISO, MIL, IEC, DEF and STM are indispensable. The LabEvent test chambers have been specially designed for these requirements and enable reproducible tests in a minimal space. The LabEvent climate chambers are characterized by their compact design and exceptional performance – and offer significantly more than comparable devices on the market: With wide temperature range, down to $-70\text{ }^{\circ}\text{C}$., faster temperature changes and larger humidity ranges.

Our Highlights:

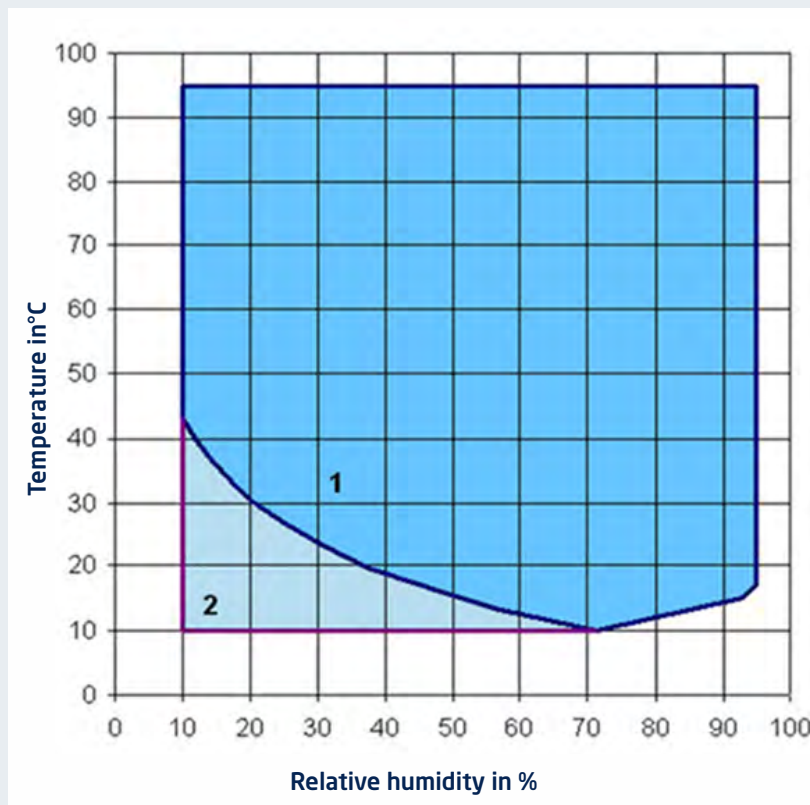
- ↪ Climate-friendly CO_2 refrigerant R744 (GWP 1)
- ↪ Compact design for minimal external footprint
- ↪ Plug & Play thanks to 230 volt connection
- ↪ Low noise for tests directly at the workplace
- ↪ Psychrometric or capacitive humidity measurement system

Convincing technology. Reliable results.

LabEvent Laboratory Test Chambers				
Test chamber volume	I	34 & 64	100 & 150	110 & 210
Tabletop / mobile version		✓ / optional	✓ / optional	N/A / ✓
Temperature / Climate		✓ / ✓	✓ / ✓	✓ / optional
Temperature range	°C	+10 / -40 / -70	+10 / -50 / -70	-40 / -70
Temperature change rate	K/min	3 to 6	3 to 10	3 to 5
Temperature range in climatic tests	°C	10 to 95	10 to 95	20 to 90
Humidity range	% r.F.	10 to 95	10 to 95	10 to 98

Subject to technical changes.

LabEvent LC - Humidity Chart



¹Standard range

²Extended climate range, dew points controlled up to -18 °C, with dried compressed air and capacitive humidity measurement system

Included in the standard configuration:

- ✓ Integrated Touchpanel 18 cm (7")
- ✓ Stackable table variants (16 to 150 litres)
- ✓ High-quality, rust-resistant stainless steel 1.4301
- ✓ One access port on the right side
- ✓ USB port for data recording (csv) and Ethernet port
- ✓ Platinum sensor Pt 100 for temperature control
- ✓ Independent, adjustable temperature limiter t_{\min} / t_{\max}
- ✓ Humidity measurement psychrometric with force-wetted, self-cleaning wet temperature sensor
- ✓ Intuitive, web-based user interface WEBSseason®

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