weisstechnik



Laboratory test chambers for R&D and quality control.

Reliable temperature tests in the versatile space miracle LabEvent.

Temperature tests according to DIN, ISO, MIL, IEC, DEF and STM are relevant in research, development and quality control. The LabEvent test chambers are designed for this purpose and enable reproducible tests in the smallest of spaces, directly at the workplace. Thanks to their compact design and exceptional performance, they set standards in their class. With wide temperature range, fast temperature change and precise control.

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
- Stress screening tests with 5 or 10 K/min variants

Convincing technology. Reliable results.

LabEvent Laboratory Test Chambers					
Test space volume	**l**	16	34 & 64	100 & 150	110 & 210
Bench-Top/ Mobile Version		✓ / optional	✓ / optional	✓ / optional	N/A / ✓
Temperature / Climate		✓ / -	✓ / ✓	✓ / ✓	✓ / optional
Minimum temperature	**°C**	available soon	+10 / -40 / -70	+10 / -50 / -70	-50 / -70
Temperature change rate	**K/min**	available soon	3 to 6	3 to 10	3 to 5

Subject to technical changes.

The right size for every test specimen.

- Available with test room volume from 16 to 210 litres.
- Stackable, bench-top or mobile version available.

Smallest footprint with high performance.

- Stress screening tests with 5 K/min and 10 K/min variants.
- Temperature ranges from 180 °C to -70 °C.
- The single-stage units (down to -50 °C) are equipped with CO_2 refrigeration technology.

The perfect partner for a wide variety of applications.

- Supports testing to standards such as LV124 and IEC 60068 series.
- The electronics industry benefits from low-silicone test chambers for sensitive Components.
- Optional EMC tests are available for 5G and autonomous driving technologies.
- High reliability and precision for testing under extreme conditions, ideal for aerospace and defense sectors.
- Equipped with hazard level 3 or 4 for safe battery testing.

Included in the standard configuration:

- ✓ Integrated web panel 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}
- ✓ Condensation protection
- ✓ Intuitive, web-based user interface WEBSeason®

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