

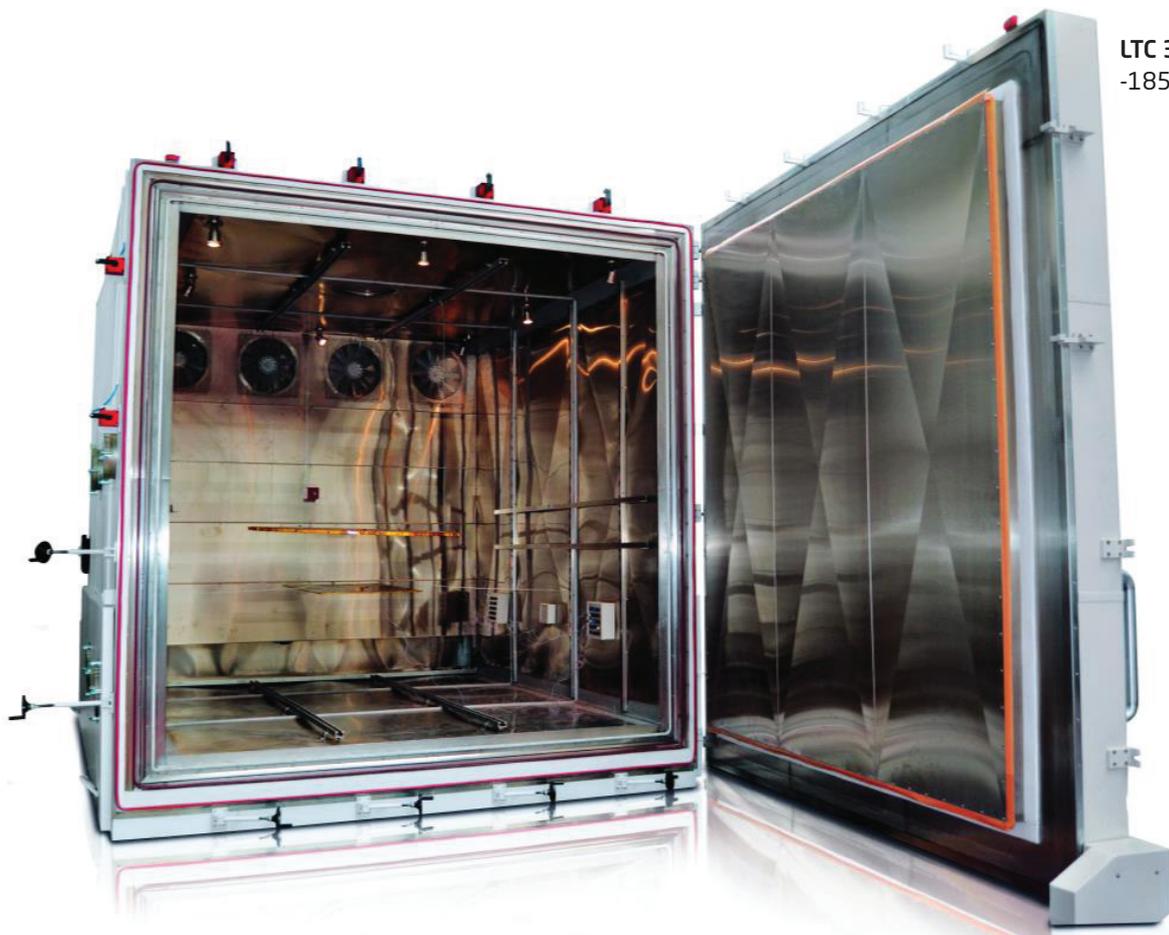
Low Temperature Chambers - LTC

Our solutions, your test drive to space.

Test in outer space conditions—with your feet on solid ground.

With more than 30 years of experience and collaboration with key players such as the European Space Agency, Weiss Technik has become a major supplier of environmental test benches for the space industry.

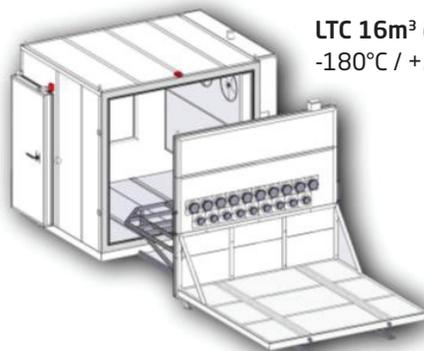
Weiss Technik Low Temperature Chambers accurately reproduce temperature huge range and change speed encountered in space, and thus allow testing your equipment in a completely safe and controlled environment



LTC 31m³ (1,095ft³)
-185°C / +200°C



LTC 12m³ (424ft³)
-180°C / +180°C



LTC 16m³ (565ft³)
-180°C / +200°C

Weiss Technik North America, Inc.

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24/7 Service Support Helpline: 1-800-361-6731
Global Partner for Environmental Test Chambers

Low Temperature Chambers - LTC

Highest specifications *

Volume: from 1m³ to 35m³

Temperature range: -185°C to +200°C

Temperature change rate: up to 20°C/min

Temperature homogeneity: up to ±1°C

Temperature stability: up to ± 0,5°C

Optimized design, reliable equipment : from technical design to manufacturing, each step of your project is led by our team of experts located in our French plant

Maintenance-friendly : smart machinery implantation, integrated service interventions schedule, low maintenance components

Worldwide service network : you can always find a Weiss Technik expert near you

- Thermal insulation by special seals and insulating materials in the walls

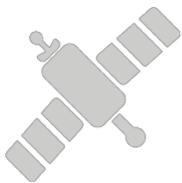
- Specific insulating material window for RF testing on antennas

- GNZ flushing before test to avoid condensation on DUT

- Re-oxygenation function

- Cooling by direct injection of liquid nitrogen

- Mechanically designed to resist high temperature variations



Powerful supervision software: Spiral VS

- User-friendly, customized interface
- Data acquisition and post processing
- Manual or automatic cycles programming
- UUT control
- Remote control and alarms
- Drivers library for easy integration

