

LTC - Low Temperature Chamber (LN2) 16m³ (565 ft³)

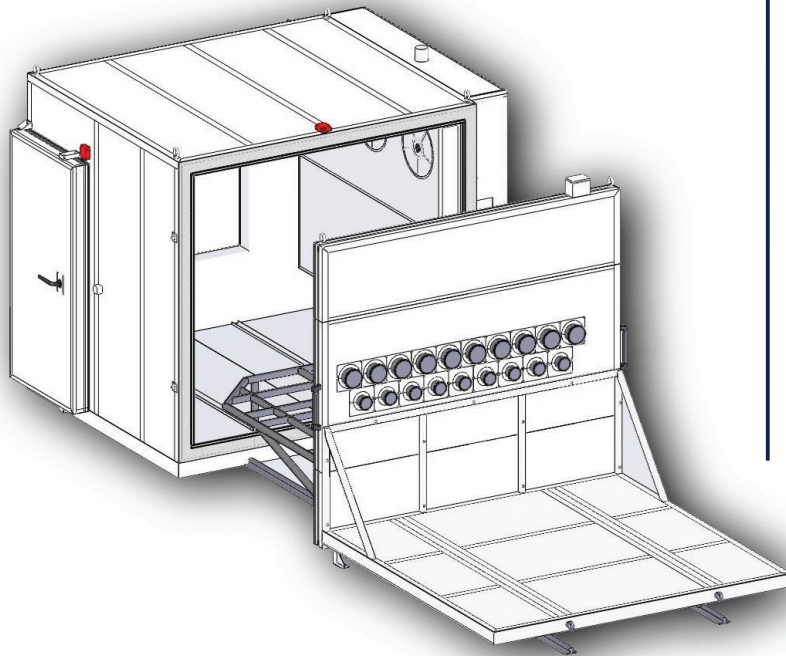
Climatic chamber 16m³ (565ft³)
Hot Cold
-180°C / +200°C

Industries

Space and electronics

Application

Thermal tests on TX and RX antennas



Description

Unit composed of :

- The test chamber
- The machinery on the rear with its electrical cabinet
- Rear removable partial wall and specific feedthrough, for RF signals (1500x1500mm)
- Control and supervision by SPIRALE Vs software

Technical Data

Performances are given for :

- An ambient temperature between +15°C and +35°C
- A load of 150 kg
- A dissipation of 500 W

Temperature

Temperature range : -180°C to +200°C

Cooling rate : average 1°C/min, with the load

Heating rate : average 1°C/min, with the load

Temperature stability : $\leq \pm 0,5^\circ\text{C}$

Temperature homogeneity : $\pm 1,5^\circ\text{C}$ at 20 cm of the walls

(According to NFX15 140 / IEC 60068-3-5)

Test space dimensions :

WxDxH : 2500mm x 2500mm x 2500mm
(98.4" x 98.4" x 98.4")



Weiss Technik North America, Inc.

3881 N. Greenbrooke Dr. SE

Grand Rapids, MI 49512 USA

(616) 554-5020 • Fax: (616) 554-5021

www.weiss-na.com

24/7 Service Support Helpline: 1-800-361-6731

Global Partner for Environmental Test Chambers