

LTC - Low Temperature Chamber (LN2) 12m³ (423ft³)

Climatic chamber 12m³ (423ft³)
Hot Cold
-180°C / +180°C

Branch
Electronics and space industry

Application
Thermal tests on TX and RX antennas

Description

- Unit composed of :
- The test chamber
 - The machinery on the rear with its electrical cabinet
 - Control and supervision by SPIRALE Vs software

Technical Data

- Performances are given for :
- An ambient temperature between +15°C to +35°C
 - A load of 70 kg

Temperature

Temperature range : -180°C to +180°C
Cooling rate : average 2°C/min, with the load
Heating rate : average 2°C/min, with the load
Temperature temporal stability : $\leq \pm 0,5^\circ\text{C}$
Temperature homogeneity : $\pm 0,5^\circ\text{C}$ at 20 cm of the walls
(According to NFX15 140 / IEC 60068-3-5)

Internal dimensions :

WxDxH : 2300mm x 2300mm x 2200mm
(90.6" x 90.6" x 86.6")



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