

Climatic chamber convertible into an air generator with receiving box

AIR GENERATOR

Climatic chamber designed to meet the **specific requirements of the aeronautics, automotive and test laboratory sectors**. Mainly dedicated to the **simulation of flight conditions of landing gear subassemblies**, this equipment allows qualification and validation tests.

The particularity of this climatic chamber is **to carry out several-day temperature maintenance tests at very low temperatures, up to -55°C**. It has been designed to avoid any frost on the equipment under test and has a temperature descent speed ranging from ambient to -55°C to simulate take-off.



The main advantage of this chamber is its **flexibility**. Thanks to the receiver box, you no longer have any constraints on the dimensions of the test tank or the mass of specimens to be tested. Tests are possible on different sizes of specimens to be tested, depending on the volume of the offset box. Air generators can also be "re-formed" very quickly into standard thermal chamber.

This chamber benefits from **Spirale Vision** control and its quality of regulation. You can also be able to appreciate the recognized programming and archiving features of this control system. Spirale, already present in more than 6,000 environmental test chambers and test benches in the world, is the most intuitive and versatile human-machine interface on the market.

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www.climats-tec.com

Climats - Technopole Bordeaux Montesquieu - 2/4 allée Jacques Latrille

CS 50067 - 33650 Martillac - FRANCE

Tél. +33 (0)5 56 20 25 25

e-mail: sales@climats-tec.com

Technical features

Characteristics :

Temperature range -75°C to +180°C

Volume: dependent on the offset box



Options :

- ▶ Full door to minimize heat loss
- ▶ Climatic chamber usable in standard configuration, and in air generator configuration
- ▶ Sound insulation
- ▶ Air dryer

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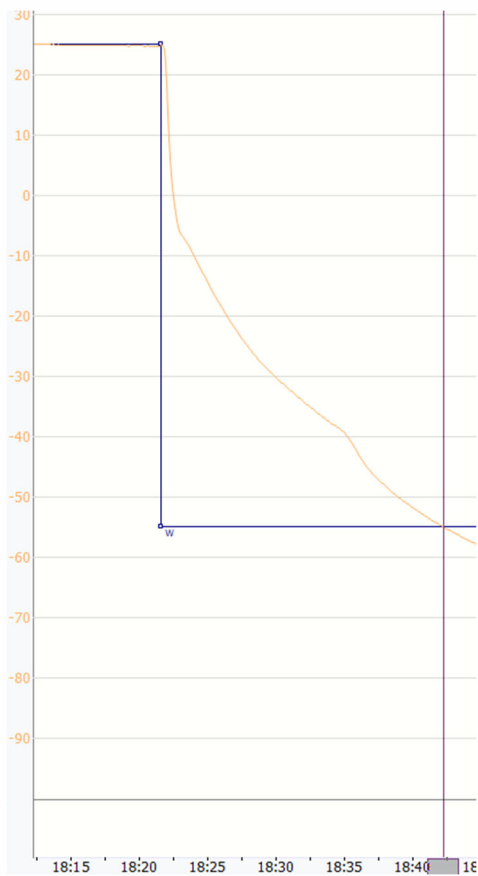
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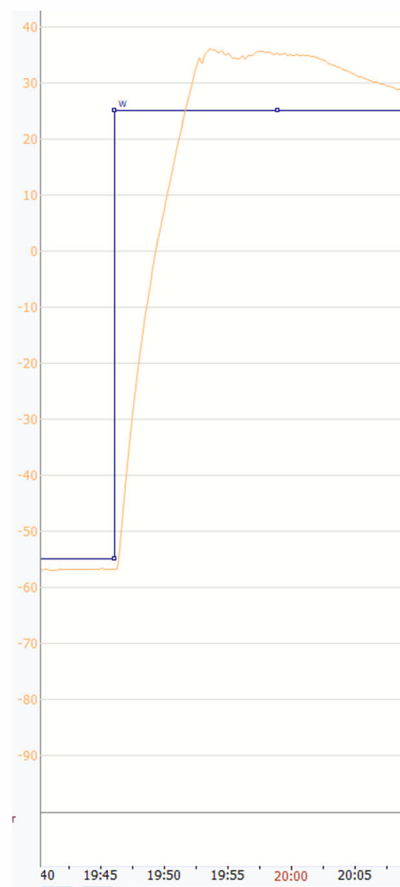


Performances:

- ▶ **Fall in temperature in less than 30 minutes** in the deported box with 80 Kg of steel from + 25°C to -55°C



- ▶ **Rise in temperature in less than 10 minutes** in the deported box with 80 Kg of steel from -55°C to +25°C



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