Climats

Expert in environmental simulation

Climate chamber on elevating table (VIBt) 1000L

CLIMATIC CHAMBER FOR VIBRATION AND TEMPERATURE TESTING

This climatic chamber is designed for combined vibration, temperature and humidity tests, in industries such as aeronautics, automotive, defense, or vibration stresses must be simulated.

This equipment is dedicated to testing sub-assemblies or complete assemblies subjected to vibration stresses in their operating environment or transport phase in order to measure their reliability, durability and operation under mechanical and climatic constraints.

The particularity of this climatic enclosure is **to adapt mechanically on a vibrator in vertical or horizontal mode**. An **elevating table on wheels and rails** allows its movement and positioning on one or the other of the two modes. Two buffers serve as mechanical interfaces for the use of a 600*600mm vibrating table and a 500*500mm expansion head. The climatic chamber can also be used without the vibrator.

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.

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

Caractéristiques :

- Temperature range : -50°C to +150°C
- Useful volume : 1000 dm3

Dimensions (mm)	Width	Depth	Height
Useful	1000	1000	1000

Options :

- Buffer for use in "standard climatic chamber" mode
- Battery nickel plating
- Ø100 welded portholes
- Dryer
- Punch entry and exit
- Specific piloting / automation development

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

Performances :

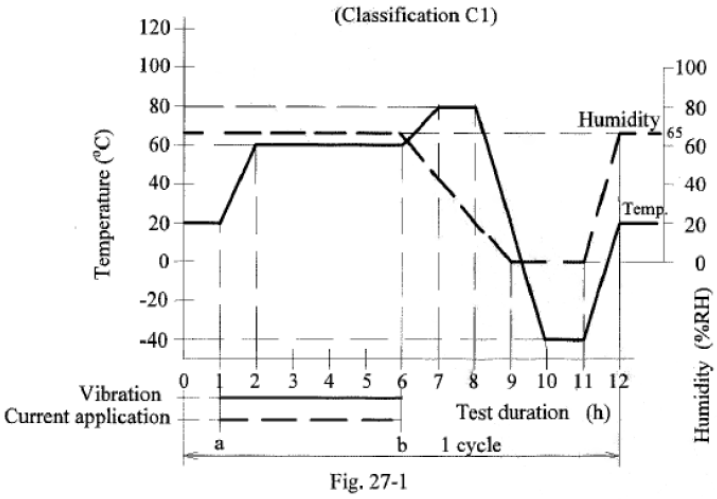
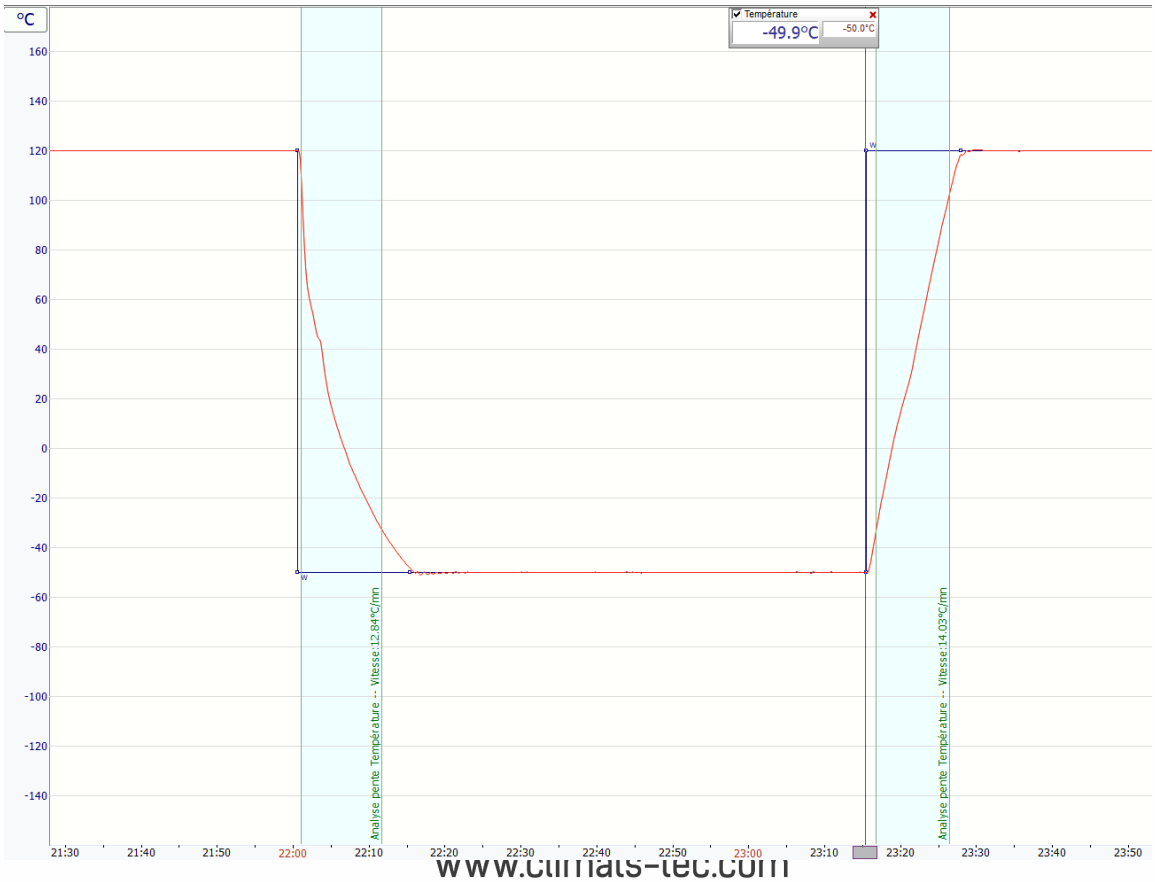


Fig. 27-1

- Achievement of automotive standards

- Descent speed from +120°C to -50°C with 40Kg of steel

Temperature variation rate of **8°C/min average** of +125°C to -50°C and vice versa, with a load of 80kg according to standard IEC 60068-3-5



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