

1,5 m³ environmental chamber on lifting table for combined tests of vibration, temperature and humidity

VIBRATION & TEMPERATURE TEST CHAMBER



Set on two 5 m long rails perfectly aligned, this chamber – meant for electronics area – can still move on two axes in order to easily free the working space for the tests preparation.

The two buffers or interfaces of the cabinet sole can be easily taken out because they are set on bearings. They enable to combine tests on horizontal vibrating table but with a vertical shaker as well. A stopper is also provided for tests as a classical chamber.



The control and piloting PC, equipped with Spirale 3, is about 10 m remote in order to give a better comfort of use to operators.

The requested performances are better than 10°C average from +125°C to -55°C with a 50 kg load of electronics.

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Technical features :

Dimensions (mm)	Width	Depth	Height
Useful	1200	1200	1000
Overall	1400	3100	1977

Temperature range

from +180°C to -70°C

Speed variation

18°C/min from +180°C to -40°C

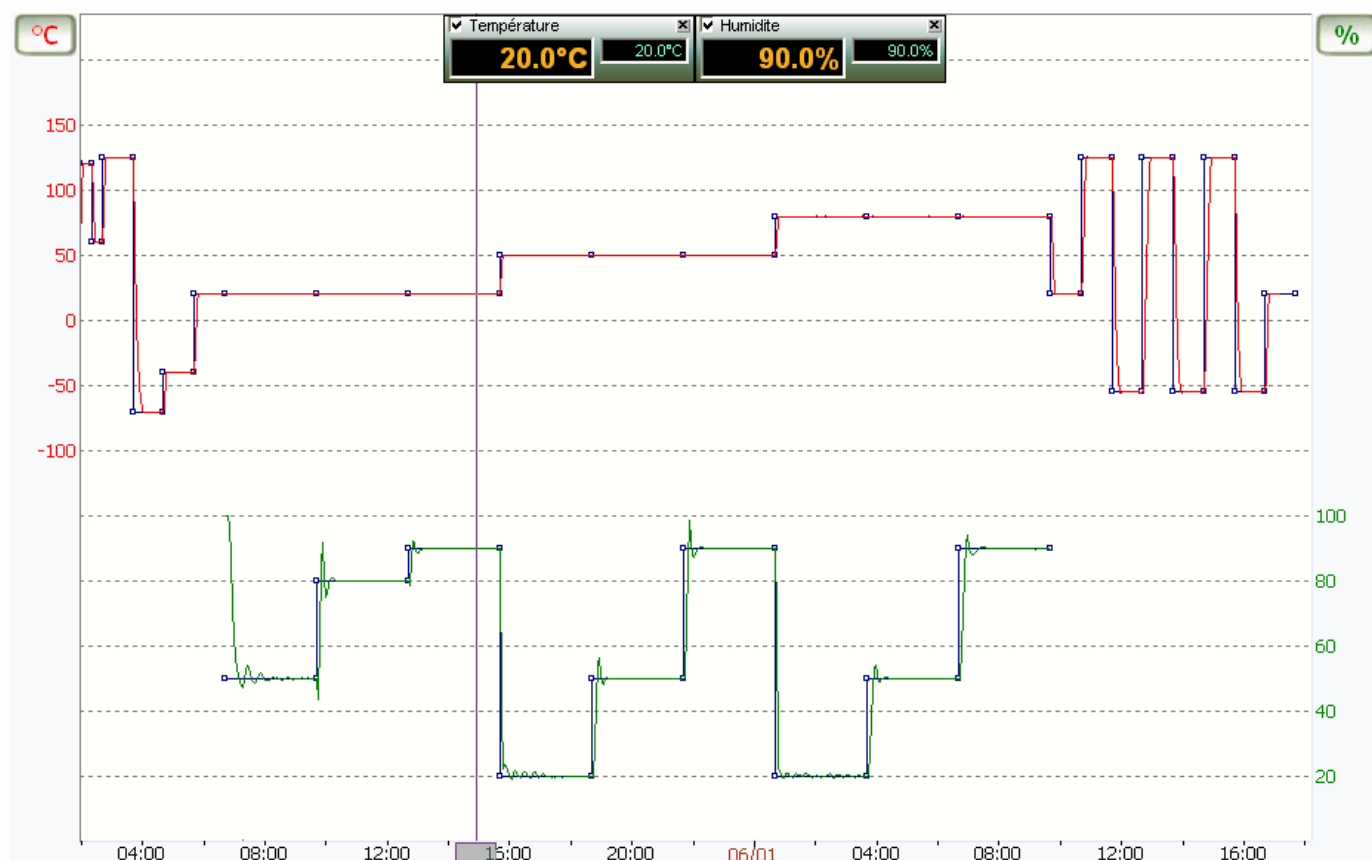
Homogeneity and Regulation

Temperature homogeneity

between $\pm 0,3^{\circ}\text{C}$ and $\pm 1^{\circ}\text{C}$

Temperature regulation

stability below $\pm 0,3^{\circ}\text{C}$



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