

## 5m<sup>3</sup> Thermal Chamber

Volume above 3m<sup>3</sup>, G-type rigid structure

This climatic chamber was designed to meet the specific requirements of roller shutter motors manufacturers. This chamber was built in order **to check their resistance over time and proper functioning under extreme conditions.**

This rigid structure chamber (type G) is a machine made to control the production quality of these motors. This is the third climatic chamber of this type supplied to our customer. The first two were installed at a large production site based in Niepolomice, Poland, and it will be installed in Cluse, in France.



This machine performs temperature variations ranging **from 2°C/min from + 80°C to -20°C for 800kg of roller shutters and 1500w of heat dissipation.** Therefore, it can test a large amount of production samples. This chamber also **reproduces humidity conditions at 80°C with a humidity rate of 85%,** corresponding to a **very severe and long-lasting wet repetitive tests** for on-board products.

This chamber benefits from the **Spirale Vision** control offering a high regulation quality. You would also appreciate the programming and archiving features this control system is known for. Spirale, already established 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](http://www.climats-tec.com)

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## Technical features

### Characteristics :

- ▶ Temperature range : - 40°C to + 150°C
- ▶ Volume : 5000 dm<sup>3</sup>

Dimensions (mm)	Width	Depth	Height
Useful	1000	2500	2000



### Options :

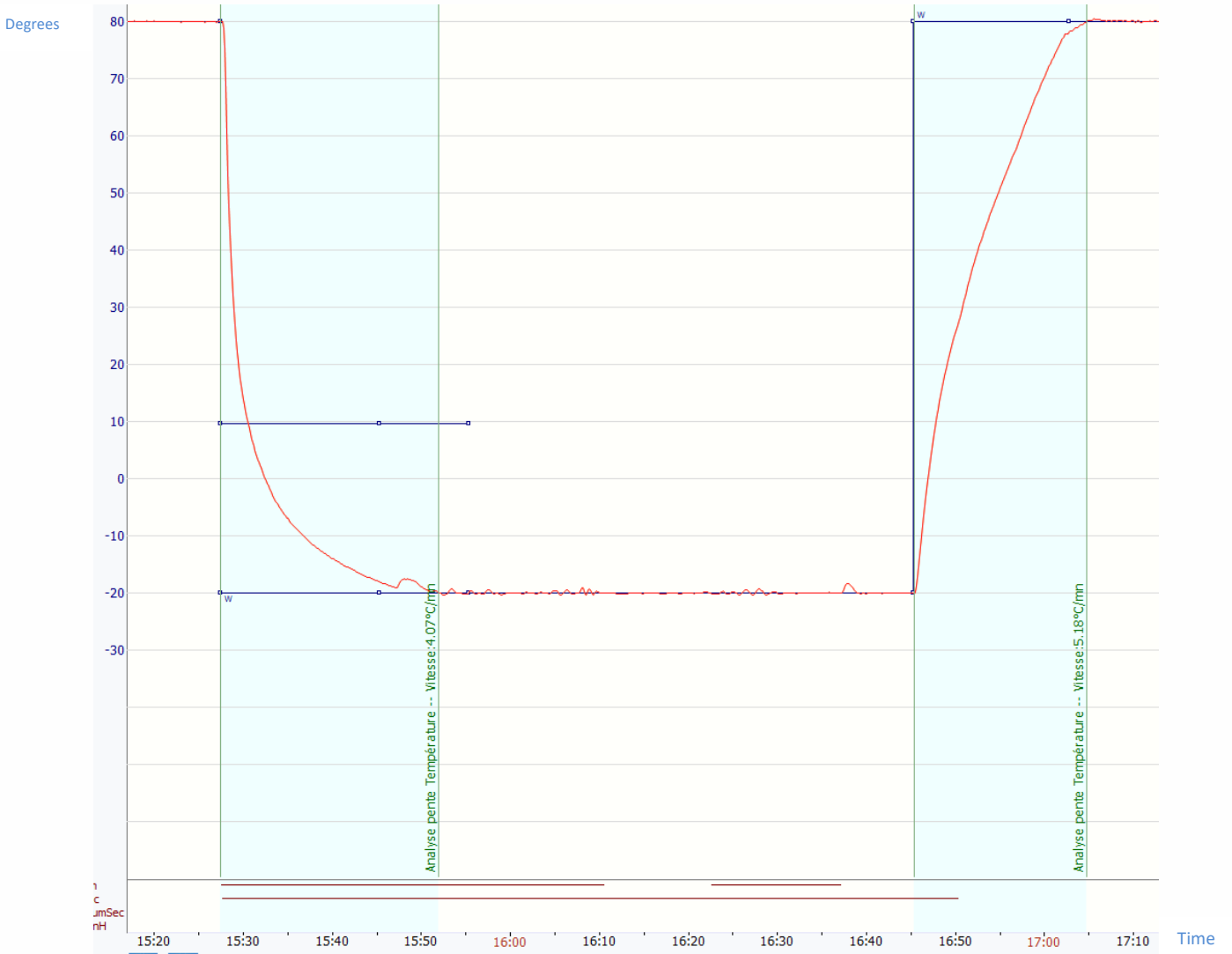
- ▶ Reinforced sole for 800Kg
- ▶ 1 Notched cabinet passage
- ▶ 4 passages of diameter 80mm (2 on each side)
- ▶ Stabilization casters and jacks

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▶ **Performances :**

- ▶ Descent speed from + 80 ° C to -20 ° C for a load of 800kg and 1500W of heat dissipation  
**Above 4°C average**



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