

Thermal chamber type BURN-IN for discharging

CUSTOMIZED SOLUTION

Climatic chamber designed mainly to meet the specificities of the **electronic industry** and more specifically of manufacturers of electronic cards.

Mainly dedicated to the testing of on-board electronic boards, the "burn-in" type thermal chamber consists in subjecting the specimens (several dozen simultaneously) to a **temperature of 125°C**, in order to eliminate any youthful defects, or determine the operating ranges within the component's extreme specifications.



The design of this chamber is **adaptable on all types of electronic cards** (number of connectors, size of cards), and in number of cards debugged simultaneously via the card support baskets. In this configuration, the machine can accommodate 48 tray cards, associated with 48 piloting and control cards.

This equipment has a **mini Spirale-type supervisor** for recording and monitoring tests. The software is installed on a PC remote from the equipment.

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www.climats-tec.com

Technical features

Characteristics :

- ▶ Temperature range: +50°C to +140°C
- ▶ Working volume: 408 dm³
- ▶ Eurotherm controller controlled by our mini supervisor for more user-friendliness

Dimensions (mm)	Width	Depth	Height
Useful	860	510	930
Overall	1710	1400	2430

Specificities :

One-piece assembly mounted on wheels, comprising:

Front part :

- ▶ Upper : the test tank, access by double door in front (reduction of the footprint in use)
- ▶ Lower : control panel and regulating and controlling organs

Back part :

- ▶ Ventilated technical area, accessible by two glass doors, intended for the electrical and electronic environment of test products : piloting and control boards, power supplies, etc.
- ▶ Excellent homogeneity in 20 probes in the test volume
- ▶ Horizontal air flow
- ▶ Door lock on temperature condition
- ▶ Voltage safety provided by front and rear door opening detectors



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Performance:

Setpoint tolerance at 125°C at -0/+3°C with load of approximately 50 electronic boards

Climats commits to having the lowest average value at one point be 125°C. The other average values at each point will therefore be between 125°C and 128°C (125°C -0/+3°C).



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