

STRESS SCREENING CLIMATIC CHAMBER

CCK-45/1000/10 NG ESS

GENERAL:

The current environmental testing, increasingly have become more demanding in the gradients of temperature that will be submitted the piece. One of the most commonly used tests is currently the trial of accelerated stress or **Stress Screening (ESS)**, during which the part to be tested is subjected to high gradients of cooling or warming.

These gradients will submit the samples to high degrees of stress, so that you can check if there is any type of defect in them thus ensuring the quality of the piece and thus avoiding returns during the warranty period.

CCK-45/1000/10 NG has been developed under the guidance of the client, where has been taken into account the more stylized design of **CCK NG** chambers.

The dimensions of the chamber, have suitable measures of the space that the customer had, and the control has been placed according to its guidelines on one side, with different accessories such as control flow of air speed or contacts free of potential to be able to generate events. The chamber presents also an access-port on the door that allows the loading of equipment without having to disconnect them by introducing them to the interior.



DYCOMETAL EQUIPOS DE C.C., S.L.

C/ De la Ciència, 35-37

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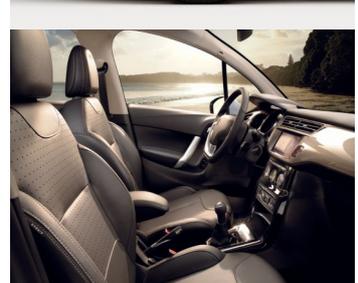
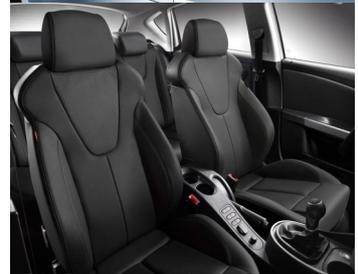
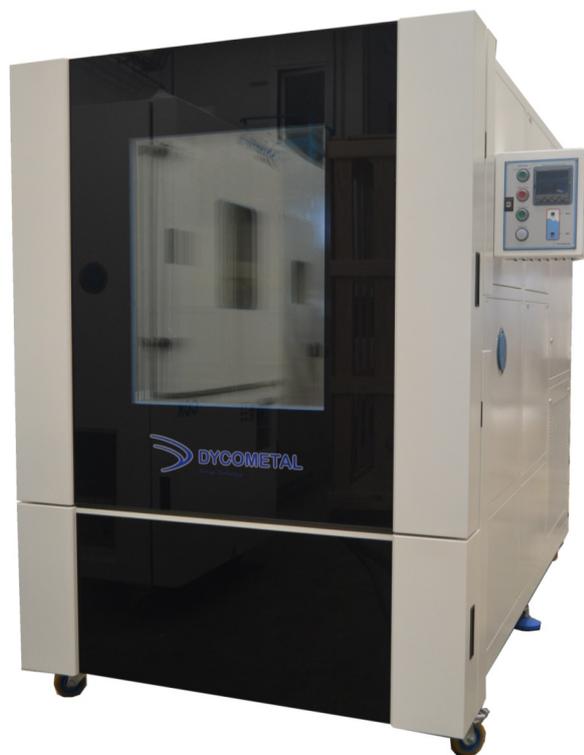
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TECHNICAL FEATURES:

- Volume: 1000 liters
- External dimensions: 1813 x 1293 x 2400 mm (Height x Width x Depth).
- Internal dimensions: 1000 x 1000 x 1000 mm (Height x Width x Depth).
- Temperature range: from -45°C to $+180^{\circ}\text{C}$.
- Humidity Range: 10% to 98% RH.
- Temperature change rate cooling and heating: **10°C/min** according IEC 60068-3-5.
- Observation window.
- Door with big observation window and electromagnetic lock.
- Access-ports: 2 x 100 mm \varnothing .
- Special access port in door with plug.
- Control: by microprocessor Eurotherm with remote control by software.
- Fan speed controller in order to regulate the airflow.
- 8 x free of potential contacts for events.
- Condenser: Water cooled system.
- Special gas according with the European directive F-GAS.
- Casters and legs.



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