



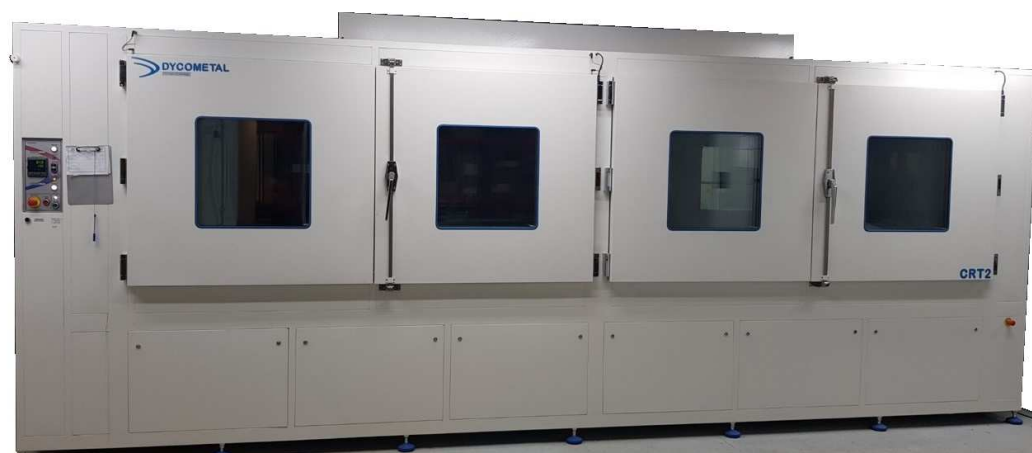
AUTOMOTIVE PARTS THERMAL SHOCK WITH LARGE VOLUME

MODEL, CRT2H-40/2500

GENERAL:

Thermal shock chambers are a fundamental element for the thermal fatigue testing of materials, equipment and automatisms. They are predominantly used in the following industries: aeronautics, automotive, military, electronics, telecommunications, space and, in general, in the materials research industry. The configuration of these chambers is usually vertical, but when the parts have a very large volume, it is necessary to opt for a horizontal design that allows the thermal shock to be carried out from right to left and vice versa.

The **CRT2H-40/2500 thermal shock chamber** was a great challenge for Dycometal, since few chambers with this volume have been manufactured, nor so demanding. The development of the chamber was carried out by our technical and design department with the customer, designing equipment in accordance with their requirements.



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

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TECHNICAL FEATURES:

- Volume of the basket: 2.500 liters.
- Dimensions of the basket: 1000 x 2500 x 1000 mm (H x W x D).
- Temperature of the cooling zone: from room to $-40\text{ }^{\circ}\text{C}$.
- Temperature of the heat zone: from room to $+150\text{ }^{\circ}\text{C}$.
- Thermal shock between $-35\text{ }^{\circ}\text{C}$ to $+90\text{ }^{\circ}\text{C}$.
- Maximum load: 120 kg.
- Recovery time: 15 minutes.
- Transit time: less than 15 seconds.
- 2 Double wing door with access to the total area of the workspace.
- 4 heated observation windows.
- Control by a Eurotherm controller.
- Remote control and data acquisition software.
- Height-adjustable legs.
- Water cooled condenser.
- Certified of accredited calibration.
- CE mark.



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