



WIPER DURABILITY TEST IN RAIN TEST CHAMBER

CLL-4500e

GENERAL:

Wipers aim to provide the driver minimum visibility conditions, through the sweep of the outer surface of the windshield. To do this they must pass a test of endurance and durability under various controlled conditions.

During this test, the sweep rate of the wiper should be editable throughout the test, sprayed water flow will be controlled and such water must have certain conditions of quality. The water flow must be symmetrically distributed on the windshield as well as having a certain temperature.

The entire process should be evaluated for a number of cycles in accordance with the rules established.

The **CLL-4500e** chamber has been designed to introduce the complete windshield inside of the chamber, so that the test would be the most faithful to the reality.

The chamber presents a double wing door with total access to the workspace so that the introduction of the samples is convenient. The vision system of the rain test chamber allows an analysis of the behavior of the wipers and the water.



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

C/ De la Ciència, 35-37

08840 - Viladecans (Barcelona) - SPAIN

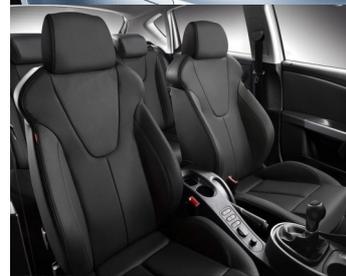
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TECHNICAL FEATURES:

- Volume: 4.500 liters
- External dimensions: 2200 x 2140 x 1600 mm (Height x Width x Depth).
- Internal dimensions: 1500 x 2000 x 1500 mm (Height x Width x Depth).
- Temperature range: from +3°C to +20°C.
- Interior: stainless steel AISI 316.
- Exterior: stainless steel AISI 304.
- Reinforced floor.
- Automatized doors aperture by gas springs.
- 2 big observation windows. One per each door.
- 1 access port, 50 mm ø.
- Interior light.
- Control: by microprocessor Eurotherm.
- Video recorder system with touch screen.
- Special water sprayers.
- Water closed circuit.
- Casters.



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