

ENVIRONMENTAL TESTS



YOUR GLOBAL MOBILITY ENGINEERING EXPERTS

As part of our initial efforts to develop a Testing Laboratory with solutions for the automotive industry, we analyzed the thermal load requirements on the industry, that resulted in the installation of two 85m³ Climatic Chambers, able to hold temperatures in a range from -50°C to 150°C and a relative humidity that goes from 0% to 95% in a constantly monitored environment.

We also have a Temperature Chamber, of half the size of our bigger machines that can handle temperatures up to -30°C and 90°C, providing the means to execute stiffness testing and temperature endurance with ease.

In our lower ranks, we count with a 1m³ Climatic Chamber with the same capabilities as its bigger counterparts, that can contain not only complete parts but also probes, that material testing will normally require.



An overview of our services:

Climatic Chambers "ESPEC"

- Capable to control humidity and temperature (+150°C to -40°C & Rel. Humidity of 95%).
- Storage capacity up to 2 cars (SUVs).
- Capacity to perform Sunlight Test (DIN 75220 for example).
- Monitoring and graph system.

Temperature Chamber "ESPEC"

- Capable to control temperature (+90°C to -30°C).
- Storage capacity up to 1 car (SUVs).
- Monitoring and graph system.

Thermal Shock Chamber "ESPEC"

- Thermo shock and small components storage (Max. Cap. 1.3 m³).
- Monitoring and graph system.

We have the right test facility for almost everything

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