

ENVIRONMENTAL SIMULATION

TEMPERATURE AND CLIMATE TESTS



YOUR GLOBAL MOBILITY ENGINEERING EXPERTS

Technical products are sometimes subject to extreme environmental conditions over the course of their life cycle. The product can be subjected to a variety of environmental conditions and impacts during production, transport and use of the products, e.g. temperature or vibrations that can adversely affect the performance, functional behavior, service life and appearance of parts, assemblies or products. This applies equally to electrical and mechatronic systems.

Climatic testing is tailored to the environmental conditions and life expectancy of the product, which allows for cost-effective, time-saving and reproducible tests. The goal of the development-related testing is the qualification of a product for given environmental conditions. The EDAG Group offers various environmental simulation tests under one roof.



-60°C

+300°C

An overview of our services

- Temperature and humidity tests, as stand-alone tests or in combination with vibration and shock testing.
- Control, operation and monitoring of the test part, e.g. for lifecycle or proof of function testing under climatic influences.
- Design and manufacture of testing jigs and fixtures.

We have the right test facility for almost everything

Our test laboratories offer universal equipment with over 100 different climate chambers and cabinets, in which extreme temperatures as well as air humidity and fast temperature fluctuations can be simulated and controlled. We test everything from small components to complete vehicles.

Our test facilities:

Wolfsburg, Fulda, Ingolstadt, Böblingen, Munich, Puebla (Mexico)

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