Systems for Temperature Application and Simulation of Environmental Influences for Tensile, Compression or Bending Exposure

Application	**Temperature and climate chambers provide the possibility of material and component testing under defined environmental conditions. The simulation of temperature and humidity whilst applying distinctive loads to the specimen is of great importance in material research, developing new materials and also for industrial quality assessment.**

Design options	Fixed and moveable into the test room
Temperature range	–150℃ to +350℃
Climate range	Temperature zone: +10℃ to +95℃ Humidity zone: 10% to 95% rel. humidity Dew point zone: -3℃ to 94℃
Dimensions	Depending on application and testing machine
Feed through	With sealing material and compensating rings
Auxiliary	Sliding inserts, drip bowl to collect condensate, test room lighting

Accessories

Clamping tools	Appropriate and resistant clamping tools to allow full performance under enhanced conditions
Extensions	Tool extension for load induction inside to temperature or climate chamber
Extensometer	Temperature and humidity resistant options for clip-on and long travel extensometer, optionally optical extensometer
Carrier system	Support for temperature and climate chamber for easy positioning in and outside of testing room. In combination with sliding inserts the chamber can be moved and removed from testing room without disconnecting clamping tools.

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Your contact person:

Universal testing machines temperature and climate chambers

Hegewald & Peschke
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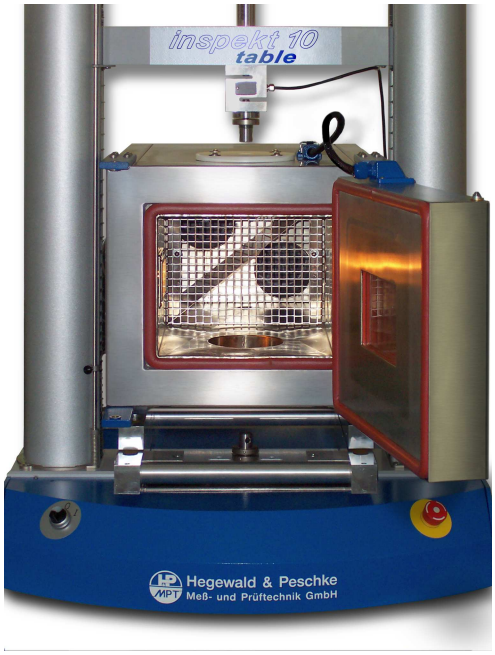
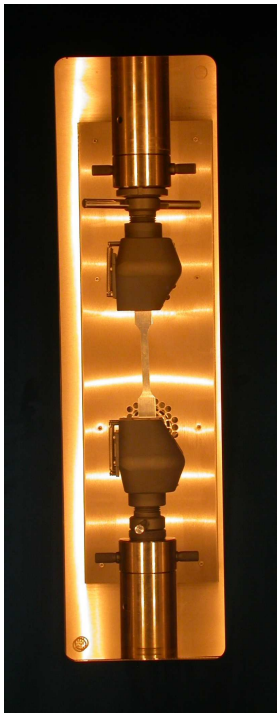
Climate chamber with control cabinet



Climate chamber inside inspekt table 10kN

Climate chamber in test room of inspekt 100kN



Lightened testing room in temperature chamber for plastic and composite materials

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