

Product information

Temperature chambers LABORTECH



Description and use of temperature chambers

Temperature chambers by LABORTECH are used as an accessory for testing machines and equipment, where they serve for tempering of specimens in positive or negative temperatures during or prior to testing.

Main advantages and features

- High quality of technical processing with ideal ergonomic design and construction compliant with CE.
- A steel shell made of stainless steel class. 17 240
- Wide temperature range
- Cooling using LN2 Dewar flask through a special safety and reducing valve
- Sophisticated circulatory system providing a homogeneous environment
- Internal workspace illumination
- Heated three-layer front glass enables accurate scanning of extension by optical or laser extensometer

- Multifunctional PID controller EUROTHERM with options to connect to a PC via RS 232 interface
- Option to control the temperature from Test & Motion and displaying of the temperature curve in the protocol
- Accuracy of temperature control $\pm 1^\circ\text{C}$
- Fast and constant launch to the desired temperature
- Expandability of the chamber with wedge inserts, providing a simple transfer of the chamber outside the working area
- Simple and safe arrestment of the temperature chamber in the working area.
- Accurate rail tripod with adjustable height
- Electrical retraction of the temperature chamber from workspace – option
- Opening for pincers of automatic mechanical extensometers – option
- Accessories – Dewar flask with a valve, connecting hoses, special desks for chamber control etc.

Manufacturer:

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