

# Temperature Test Chamber

## WT Series



- Cooling and heating of automotive and other types of batteries
- Test space volume up to 450 ltr
- Temperature range: -70 °C to +180 °C
- Temperature constancy:  $\pm 0.5$  K
- Temperature control via PT100, microprocessor program controller
- RS232 interface
- Stainless steel construction (test chamber)
- High quality insulation
- Access port for cable entry
- Electric circuits with safety cut-off
- Automated test procedure with Digatron battery test systems

## General Data

Program Controller:	32 bit
External Control:	RS232
Temperature Range:	-70 °C to +180 °C
Temperature Constancy:	± 0.5 K
Input Power Supply:	230 V, 50 Hz, 16 A
Condenser:	Air-cooled

## Individual Technical Data

Model Designation:	WT 64/75	WT 450/70
Test Chamber Volume:	64 ltr	450 ltr
Test Chamber Dimension (HxWxD):	400x500x330 mm	800x800x700 mm
External Dimension (HxWxD):	1200x800x740 mm	1950x1100x1110 mm
Casing:	Bench Set Casing	Floor Stand Chamber
Cooling Rate:	2.5 K/min	1.0 K/min
Heating Rate:	3.0 K/min	1.0 K/min
Weight:	approx. 180 kg	approx. 310 kg

## Safety

For testing lead-acid batteries, it is highly recommended to operate a test chamber equipped with a hydrogen detection system.

Emergency relay contact for switching off temperature test (battery testing system)

## Options

BTS-600 Temperature Chamber Interface (for programming temperature profiles within BTS-600 test schedules), consisting of:

- RS232 Interface
- Software for controlling the temperature chamber
- Connection cable, length 5 m

Second shelf for WT 450/70 (battery rack)

Hydrogen detection system

Observation window with test space illumination



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