

CTS-TEMPERATURE TEST CHAMBERS (BENCH TOP VERSION)

the latest generation with innovative technique and future-oriented design.



TEST SPACE CAPACITY IN LITRES: 25 / 50

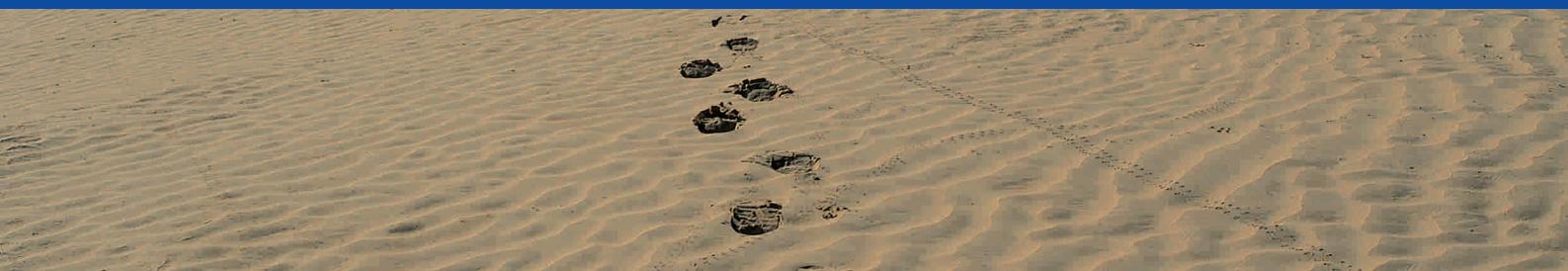
TEMPERATURE RANGE: -40° C / +180° C; -65° C / +180°

STANDARD-VERSION OF THE PRODUCT LINE "T":

- ▶ multicolour touchpanel / 32 Bit Controller
- ▶ RS 232 interface
- ▶ potential free contact for malfunction signal
- ▶ entry port ø 50 mm
- ▶ Error display in plain text

YOUR BENEFITS:

- ▶ Complies with current CE and EMC regulation
- ▶ use of environmentally friendly materials and refrigerants
- ▶ service-friendly construction
- ▶ minimum noise level
- ▶ simple user-friendly operation and programming
- ▶ high temperature change rate
- ▶ low power-consumption datas
- ▶ optimized parameters for highest testing precision



CTS-TEMPERATURE TEST CHAMBERS (BENCH TOP VERSION) SERIES T-40 AND T-65

25 UP TO 50 LTR.

TYPE	T -40/25	T-40/50	T -65/50
Test space	litres appr.	25	50
Test space dimensions	height mm, appr.	300	400
	width mm, appr.	350	400
	depth mm, appr.	240	320
Overall dimensions	height mm, appr.	860	980
	width mm, appr.	510	560
	depth mm, appr.	580	660
Design		bench top cabinet	
TEMPERATURE TESTS			
Temperature range	°C	-40/+180	-40/+180
Temp. change rate cooling acc IEC 60068-3-5	K/min	6,5	5
Temp. change rate heating acc IEC 60068-3-5	K/min	8	5
max. thermal load at +20° C W		400	400
Temperature fluctuation	K	$\leq \pm 0,3$ temporally	
Nominal voltage		230 V +6% -10%, 1/N, 50 Hz	
Nominal power	kW, appr.	2,2	2,2
Refrigeration units		air cooled	
Weight	kg, appr.	90	130
Noise level	dB(A)	50	<52

All figures are average values which have been obtained at a temperature of +25°C, without test specimens, without thermal load and without options.

DESIGN:

Control: Microprocessor control and monitoring system
 Test space: Stainless steel grade 1.4301
 Refrigerants: Chloride free, hermetically sealed

OPTIONS:

- add. entry ports ø 50 mm, 80 mm und 125 mm
- Rack incl. 1 shelf
- Table with height 330 or 515 mm
- Window, multiple glazed
- Hand-hole in the door
- add. Pt 100 for temperature measuring on test specimen alternative reversible to controller function
- air dryer system
- Temperature protection for test-specimen
- CID software for programming and documentation
- variable air speed in the testspace
- RS 232 interface changeable to USB
- ETHERNET- interface

Other chamber sizes and options on request.

We reserve the right to make alterations due to technical development.

CTS GmbH ▲ Lotzenäcker 21 ▲ 72379 Hechingen ▲ Germany

Tel.: 0 74 71/98 50-0 ▲ Fax: 0 74 71/98 50-23

E-Mail: vertrieb@cts-umweltsimulation.de ▲ www.cts-umweltsimulation.de