

TC45

**Art. No. 10045 – Mobile climate box
with auto-regulative cooling/heating system**



**Tested quality –
you can rely on it!**

High autonomy with low energy supply

With the ThermoCare series you receive a professional and innovative transport system for your temperature sensitive products. You can adjust the active temperature range in 0.5° steps between +40°C and -33°C.

The integrated data logger ensures control of transport temperature. The data it records are transmitted to you optionally via serial data cable to the PC or read out immediately via the optional integrated thermo-printer.

The solid, welded aluminium casing guarantees a long life. The internal container made of stainless steel guarantees the necessary hygiene, especially in the medical-pharmaceutical application area.

X Your advantage:

- Validated by IML Fraunhofer Institute
- CE-certified and checked for electromagnetic compatibility
- Documented safety through integrated monitoring system
- Professional, GMP-conform design according to medical hygiene standards
- The most powerful unit on the market



Technical Data

Model TC45
Article Number 10045
Active Box – auto-regulative climate box

Dimensions – Weights – Volume

External dimensions: LxWxH: 645 x 410 x 455 mm
Internal dimensions: LxWxH: 390 x 320 x 370 mm
Weight empty: 27 kg
Volume: approx. 42.5 Litres
Material outside: aluminium alloy
Material inside: stainless steel

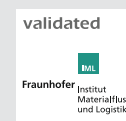
Performance spectrum

Adjustable range: -33°C to +40°C
Accuracy: Display accurate to 0.5°C
Temperature deviation max. 0.9°C
Compressor: BD 80 special
Fan forced heating: yes
Power consumption: maximum starting peak
approx. 120 Watt
Power consumption: dependent on relation internal/external
temperature min. 4 Watt
Current consumption: 63 Watt nominal at 230 V AC 50 Hz
Refrigerating capacity: 47 Watt at -32°C internal temperature
Refrigerating medium: R 404a
Processor control: yes
Power supply: 220/240 V alternating current,
12/24 V direct current; automat.
switch-over
Safety: Series: reverse battery protection and
overload protection
Insulation: High-tech vacuum
Closure: Butterfly bolt (suitable for lead seal)
Quality control: Production hand-over record

Options/Accessories

Calibration: yes
Integrated printer: optional
Visual alarm: yes
Acoustic alarm: yes, suppressible

Validation IML Fraunhofer Institut
Certification CE/Electromagnetic compatibility



ThermoSecure[®]
medical equipment GmbH

Richmodstraße 6 · Neumarktpassage · D-50667 Köln
Tel.: +49 (0)221 920 42 544 · Fax: +49 (0)221 920 42 200
E-Mail: info@thermosecure.de · www.thermosecure.de