Hightech à la carte –

Your tailor-made box, step by step

Well-proven thermoelectrics plus special modules of your choice – it just takes a few easy steps to create your own customised box. Start by choosing the right size from our standard range (p. 8/9). Next, combine it with the extra modules you need. The table below shows which modules are available for which cooler. New to the modular system: an app for Andriod smartphones (DTTC-20) to view the current box temperature.

Thermoelectrics + extra modules = custom-made cooling

Simple documentation –

with firmly integrated or disposable data logger

NEW It's now even easier to ensure the WAECO thermoelectric coolers meet your particular requirements. As an additional safety feature the coolers come equipped with a **smartphone App (DTTC-20)** which you can use to view the current temperature in the box at any time from your phone. In parallel to this, data is stored on an external server. This can be accessed with a personal PIN for the documentation.

For the sake of continuous, tamper-proof temperature recording, the DTTC-07N data logger is firmly integrated in the cooler. Data can be transferred to a laptop computer via a data cable with USB interface – or printed out directly using the attachable printer. We provide a disposable data logger (DTTC-21) as an alternative for documenting the temperature.

Extra modules available for thermoelectric coolers

Thermoelectric coolers:	DTTC-01 Digital temperature readout	DTTC-02 One factory preset fixed temperature	DTTC-03 Temperature variable	DTTC-04 Interior	DTTC-05 Heat with three-point control	DTTC-06 Digital radio thermometer	DTTC-07N Data logger	DTTC-08N Thermal printer incl data logger with software	DTTC-09 Two factory preset fixed temperatures	DT-13 3-pin plug-in system	DTTC-17 Alarm function	DTTC-18 Text message alarm	DTTC-20 Android app	DTTC-21 Disposable data logger
TC 07 approx. 7 litres up to 22°C under ambient temperature	•	•		•		•	•	•	•	•			•	•
TC 14FL approx. 14 litres up to 30°C below ambient temperature	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TC 21FL approx. 20 litres up to 30°C below ambient temperature	•	•	•	•	•	•	•	•	•	•	•	•	•	•
TC 35FL approx. 33 litres up to 30°C under ambient temperature	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Accessories for thermoelectric coolers

4.20

DTTC-01
Digital readout of the current temperature inside the box.

Product	Ref. No.
Digital temperature readout	9103540017

DTTC-02
One fixed temperature in a range from +10°C to +40°C
Tolerance: ± 1°C (independent of outside temperature; closer upon request) Test log supplied as standard.

Product	Ref. No.
One factory preset - fixed temperature	9103540018

DTTC-03
Temperature variable in a range from +10°C to +40°C with temperature controller. Control electronics reliably compensate for deviations from preset value. Tolerance: ± 2°C (closer upon request).

Product	Ref. No.
Temperature variable	9103540019

DTTC-04
High-performance fan for fast cooling or heating and uniform air circulation inside the box.

Product	Ref. No.
Interior fan	9103540020

DTTC-05
Extra heater for fast heat-up (reduces wear on the Peltier element). Safer operation at extreme outside temperatures.
With automatic three-point-controller (heat/OFF/cool).

Product	Ref. No.
Heating with three-point control	9103540021

DTTC-06
Digital radio thermometer transmits current temperature to the dashboard mounted display unit (display included in the delivery kit).

Product	Ref. No.
Digital radio thermometer	9103540022

DTTC-07N
Data logger as a single unit, without software.
Free software downloaded at www.testo.de

Product	Ref. No.
Data logger	9103540023

DTTC-08N
Thermal printer incl. data logger with software and USB connection for continuous recording of the temperature.

Product	Ref. No.
Thermal printer incl. data logger with software	9103540024

DTTC-09
Two fixed temperatures in a range from +10°C to +40°C. Easy change from one value to another with rocker switch. Tolerance: ± 1°C (independent of outside temperature; closer upon request). Test log supplied as standard.

Product	Ref. No.
Two factory preset - fixed temperatures	9103540025

DT-13
3-pin plug-in system for built-in power supply. Max. power consumption: 25 A at 6 – 24 volts. Flat terminals (4 x 6.3 mm or 1 x 4.8 mm).

Product	Ref. No.
3-pin plug-in system	2225400001

DTTC-17
Alarm function signals when the temperature exceeds or falls below a set level (possible for temperatures of 20°C or higher)

Product	Ref. No.
Alarm function	9103540026

DTTC-18
Text message alarm to mobile phones signals when the temperature exceeds or falls below a set level

Product	Ref. No.
Alarm function	9103540027

DTTC-20
App for Android smartphone for dialling into the cooler to access current temperature.

Product	Ref. No.
Smartphone app	9103540133

DTTC-21
Disposable data logger for recording temperature in the cooler Up to 90 days recording time following activation (USB interface)

Product	Ref. No.
Disposable data logger	9103540135