



Circulation Thermostat type TC150 - TC250

The circulation thermostats are equipped either with a tripod, an adjustable bath bridge or a stainless steel bath. Moreover, the thermostats come with a cooling coil and a connection piece for an outside consumer. The thermostats can be ordered as a single device with clip, but also in combination with polycarbonate or stainless steel baths. In completion with a stainless steel bath, a bath cover is standard. The standard unit is equipped with a two-stage pump control. Pump and base plate of the thermostats are made of stainless steel. The body is made of steel sheet, powder-coated. The TC 250 K is equipped with a cooling (cryo) control.

Thermostat TC150



Thermostat TC250 (K)



technical data

order number

working temperature range

working temperature range
with external cooling

temperature stability

pump

flow rate max.

pressure max.

heating power

temperature display / setting

temperature setting

thermometry

timer with alarm

program controller

temperature controller

safety class DIN 12876

temp.- calibration

interface RS 232 (V.24)

niveaucontrol

overheating control

electronic malfunction control

sensor malfunction control

cryo control

external temperatur sensor

power supply

dimensions (wxdxh)

weight (kg)

TC 150

A-10805

30 - 150 °C

-50 - 150 °C

± 0,1 K (at 70°C in water)

double pump, two stages

20 l/min - intake 18l/min

0,3 bar / intake 0,2 bar

1,8 KW

LED / 0,1 K

digital / 0,1 K

PT 100 (2-conductor technique)

0 - 99,99 min

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adjustable set point limitation, alarm
feature

3

on SET-Temp. (70°C)

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yes

yes

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230 V / 50 Hz

260 x 130 x 310 mm

5

TC 250 (TC250K)

A-10806 (A-10807)

30 °C - 200 °C, short time up to 250 °C

-60 °C - 200 °C, short time up to 250 °C

± 0,01 K (at 70°C in water)

double pump, two stages

20 l/min - intake 18l/min

0,3 bar / intake 0,2 bar

1,8 KW

digital/graphic display

digital / setting by touch panel / 0,1 K

PT 100 (4-conductor technique)

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2 applets with 10 temperature/time segments each
adaptive PID-control for different thermostat
liquids

3

on SET-Temp. (70°C)

yes

yes

yes

yes

yes

thermostat TC 250 K only

port for PT 100

230 V / 50 (60) Hz

260 x 130 x 310 (170mm from upper edge)

5