

Circulation Thermostat

Description

These circulation thermostats provide fast and even temperature control by means of a double pump. Suitable for individual attachment by means of a bath bridge or a stand to existing bath vessels.

Also directly in combination with stainless steel baths or cold baths.

Specifications

- Double pump made of stainless steel, two-stage reversible (min/max)
- Housing made of sheet steel, powder-coated
- Optional versions
 - with stand
 - adjustable bath rack
 - with stainless steel bath



Umwälzthermostat TS 150

Technische Daten

Model	TC 150	TC 250
Working temperature range	25 – 150 °C	30 – 250 °C
Operation temperature range (with external cooling)	-50 – 150 °C	-60 – 250 °C
Temperature stability	± 0.1 K	± 0.1 K (at 70°C in water)
Temperature display/ Resolution	LED / 0.1 K	digital, graphic display / 0.1 K
Temperature setting/resolution	digital / 0.1 K	digital, touch panel / 0.1 K
Pump - max. flow rate	20/18 l/min	20/18 l/min
Pump - max. pressure	0.3 / 0.2 bar	0.3 / 0.2 bar
Safety class (DIN 12876)	3	3
Heating power	1800 W	1800 W
Power supply	230 V / 50 Hz	230 V / 50 Hz
Temperature controller	Microprocessor controlled PID controller, adjustable setpoint limitation and alarm circuitry	Adaptive PID controller with adjustment option for different bath media
Calibration / Resolution	-	to "SET" temperature (standard 70°C) / 0.1 K
Interface	-	RS 232 (V.24)
External sensor connection	-	Pt 100 in four-wire connection
Dimensions (W x D x H)	260 x 130 x 310 mm	260 x 130 x 310 mm
Weight	ca. 5.0 kg	ca. 5.0 kg