

# Immersion Thermostats T Series

## Description

The immersion circulators of the T series meet the highest requirements for everyday routine tasks. Powerful and precise devices available as single units with clamp or in combination with stainless steel water baths.

Available in different versions and combinations on request.

## Specifications

- Pump and support plate made of stainless steel
- Optionally as immersion thermostat with clamp or as bath thermostat
- Easy to operate
- Temperature controller
- Timer
- Alarm function
- Internal device monitoring



Immersion thermostat T100

## Technical Data

Model	T 100	T 150	T 160	T 200 / T 200 K
Working temperature range	25 – 100 °C	25 – 150 °C	25 – 160 °C	30 – 200 °C (short time up to 250°C)
Operating temp. range (with external cooling)	-30 – 100 °C	-50 – 150 °C	-50 – 160 °C	-60 – 200 °C (short time up to 250°C)
Cryogenic control	-	-	-	only T 200 K
Temperature stability (at 70°C in water)	± 0.1 K	± 0.1 K	± 0.1 K	± 0.1 K
Temperature display/ resolution	LED / 0.1 K	LED / 0.1 K	LED / 0.1 K	digital, on graphic display / 0.1 K
Temperature setting/ resolution	digital / 0.1 K	digital / 0.1 K	digital / 0.1 K	digital, on graphic display / 0.1 K
Pump - max. flow rate	5 l / min	5 l / min	8 l / min	8 l / min
Pump - max. pressure	0.12 bar	0.12 bar	0.20 bar	0.20 bar
Safety class (DIN 12876-1)	3	3	3	3
Heating capacity	1000 W	1800 W	1800 W	1800 W
Power supply	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Temperature sensor	PTC	PTC	PTC	Pt 100, linearised
Interface	-	-	-	RS 232 (V.24)
Dimensions (W x D x H)	120 x 130 x 330 mm	120 x 130 x 335 mm	120 x 130 x 335 mm	120 x 130 x 335 mm
Weight	ca. 3.0 kg	ca. 3.0 kg	ca. 3.0 kg	ca. 3.0 kg

LG\_117\_E 08/2022 Subject to technical changes and errors.