

T100, Stirred Thermostatic Baths and Heating Circulators

DESCRIPTION

The T100 series of general purpose heating circulating baths offer accurate temperature control for straightforward applications in the range of 0°C to 100°C. The T100 heating circulator can be used in combination with any Grant stainless steel or plastic tank or with a T-CLAMP for independent use of virtually any vertical sided tank.

- Cooling/heating range 0°C to 100°C
- Stability $\pm 0.05^\circ\text{C}$ / Uniformity $\pm 0.1^\circ\text{C}$
- Tank options 5L to 38L
- 3 programmable temperature presets
- Low liquid protection and fixed over temperature cut-out
- Visual alarm – alerts you when your attention is required
- Clear, bright 4 digit LED display

Applications

- Clinical, Microbiology and Pathology labs – media tempering, thawing and incubating samples
- Teaching labs, higher education/universities – practical demonstration/experimentation, sample preparation

Note:

- specification for T100 + 5/12 litres plastic/stainless steel bath, other thermostats and water bath [combinations available](#).
- operation below ambient temperature requires accessory cooling C1G

SPECIFICATIONS

Cooling/heating range	->
T100-P5	amb. +15 ... 99°C
T100-P12	amb. +5 ... 99°C
T100-ST5	amb. +15 ... 100°C
T100-ST12	0 ... 100°C
Stability at 70°C	$\pm 0.05^\circ\text{C}$
Uniformity at 70°C	$\pm 0.1^\circ\text{C}$
Setting resolution	$\pm 0.1^\circ\text{C}$
Display	4 digit LED
Tank volume	5 or 12 litres
No. of pre-set temperatures	3
Recalibration points	2
Safety overtemperature	fixed
Heater power (230 V)	1.3 kW
Height above tank rim	200 mm
Depth below tank rim	135 mm



CAT. NUMBER

T100-P5 EURO	T100-P5 (plastic, 5 litres)
T100-P12 EURO	T100-P12 (plastic, 12 litres)
T100-ST5 EURO	T100-ST5 (stainless steel, 5 litres)
T100-ST12 EURO	T100-ST12 (stainless steel, 12 litres)