

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) |