

# T100, Stirred Thermostatic Baths and Heating Circulators

## DESCRIPTION

The T100 series of general purpose heating circulating baths offer accurate temperate 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

|                       |                                        |
|-----------------------|----------------------------------------|
| <b>T100-P5 EURO</b>   | T100-P5 (plastic, 5 litres)            |
| <b>T100-P12 EURO</b>  | T100-P12 (plastic, 12 litres)          |
| <b>T100-ST5 EURO</b>  | T100-ST5 (stainless steel, 5 litres)   |
| <b>T100-ST12 EURO</b> | T100-ST12 (stainless steel, 12 litres) |