

T100, Stirred Thermostatic Baths and Heating Circulators

T100-ST5

New!



A cost-effective range of multi-purpose systems combining Grant's legendary quality and reliability. Precise temperature control for a wide range of laboratory applications.

- Accurate and safe temperature control — for samples and users
- Intuitive programming and thoughtful design features — makes working with Grant stirred baths and circulators easy
- Robust, durable construction — for longevity, reliability and long-term low cost of ownership

Applications:

Grant stirred baths and circulators provide a source of precision heating and cooling for many routine and sensitive analytical procedures including sample incubation, calibration and quality control testing.

T100-ST12



Specifications*:

Cooling**/heating range	
T100-P5	amb. +15 ... 99°C
T100-P12	+5 ... 99°C
T100-ST5	+15 ... 100°C
T100-ST12	0 ... 100°C
Stability @ 70°C	±0.05°C
Uniformity @ 70°C	±0.1°C
Setting resolution	±0.1°C
Tank volume	5 or 12 litres
Display	4 digit LED
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

* — for T100 + 5/12 litres plastic/stainless steel bath (other thermostats and water bath combinations available, see page 64)

** — operation below ambient temperature requires accessory cooling C1G **A**

A Accessory cooler, C1G

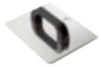


Catalogue number:

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

**All available accessories can
be found on page 56**

Accessories for T100 with 5/12 Litres Steel/Plastic Tanks

Accessories						
	Lids to help reduce evaporation/ heat loss and avoid sample contamination	Rack systems to optimise use of available bath capacity (no. of racks accommodated)	Raised shelves to allow shallow vessels to be accommodated	Accessory cooling systems to allow systems to operate at or below room temperature by means of a cooling coil dipped into the bath; designed for minimal impact on working area		
				Refrigerated immersion coolers Consist of a cooling coil connected to a refrigeration unit by a flexible pipe. Extract heat continuously, with the bath control unit controlling temperature	Heat exchange coil Designed to be attached to a supply of cooling tap water or a refrigerated circulator	
				C1G (0 to 40°)	C2G (-15 to 40°C)	CW5 (2°C above coolant temperature)
ST5 – 5 L stainless steel 3 kg h: 200 mm l: 330 mm w: 180 mm 	STL5 flat stainless steel 	1 × QR 	–		–	
ST12 – 12 L stainless steel 4.5 kg h: 200 mm l: 360 mm w: 330 mm 	STL12 gabled, hinged (removable) stainless steel 	2 × VR 	RS14 		–	
P5 – 5 L plastic 3.5 kg h: 180 mm l: 415 mm w: 350 mm 	PL5 flat, stainless steel 	1 × QR 	–	–	–	–
P12 – 12 L plastic 5 kg h: 180 mm l: 600 mm w: 365 mm 	PL12 curved plastic 	2 × VR 	RS14 	–	–	–

VR Racks	Tube size Ø	Capacity
VR-13	10-13 mm	65
VR-19	16-19 mm	36
VR-24	24 mm	23
VR-30	30 mm	14
VR-SE	0.5 ml	102
VR-LE	1.5 ml	75

J2 Racks	Tube size Ø	Capacity
QR-13	10-13 mm	30
QR-19	16-19 mm	16
QR-24	24 mm	10
QR-30	30 mm	5
QR-SE	0.5 ml	44
QR-LE	1.5 ml	35