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-S5	+15 ... 100°C
T100-S12	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

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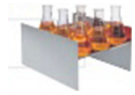
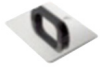
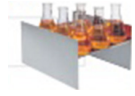
Accessories for **T100** with 5/12 Litres Steel/Plastic Tanks

Medical–Biological Research & Technologies

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

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