

Constant Temperature Water Bath (Ambient +5°C to 100°C) with top mounted stirrer

LABEC Constant Temperature Water Bath with a Top Mounted Stirrer is manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability.

Using an internal element and submerged RTD sensor connected to a digital temperature controller, temperature can be controlled to 0.1°C. A top mounted stirrer is fitted inside the bath chamber, which stirs the water in the chamber, ideally used for when the temperature uniformity of the bath is imperative.

The baths are supplied with a perforated tray which covers the element and allows even circulation of the contents of the bath.



Data logging

When optioned the controller can be connected via RS232/RS485 communication ports which can be connected directly to a data logger or computer to collect this information. Software is available for programming and monitoring.

Additional options

The range of bath options include gabled or flat lids in stainless steel or clear polycarbonate. A manual reset over temperature cut off, programmable temperature controller and a on/off timer can also be fitted. Refrigerated models also available.

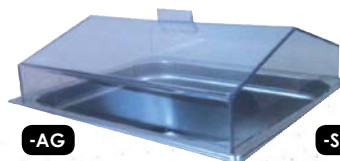


PID Control display system

Controller – A digital display temperature controller controls the temperature within the range ambient +5°C to 100°C.

Standard features include:

- RCD/ELB (earth leakage breaker).
- Pt 100 ohms sensor.
- Stainless Steel exterior and interior.
- Excellent temperature uniformity.



NOTE: Lid NOT included. When ordering lid add the appropriate suffix to the bath code (eg: NBCT9S-SSF).

SPECIFICATIONS

Constant Temperature Water Bath (Ambient +5°C to 100°C) with top mounted stirrer

Model	NBCT7S	NBCT9S	NBCT11S
Capacity (litres)	10	22	38
Int. Dim. (cm) L x W x D	20 x 30 x 17	38 X 30 x 17	47 x 49 x 17
Ext. Dim. (cm) L x W x D	42 x 38 x 38	67 x 40 x 38	78 x 59 x 38
Temp. Controller	Digital PID Controller		
Temp. Min	Ambient +5°C		
Temp. Max	100°C		
Temp. Setting Accuracy	0.1°C		
Temp. Fluctuation	+/- 0.2°C		
Temp. Sensor	Pt 100 ohms		
Heating System	Electric Element		
Interior Material	Stainless Steel		
Exterior Material	Stainless Steel		
Options	Flat or gabled lift off lid in either stainless or polycarbonate, manual reset overheat cut off, large capacity models, refrigerated models.		
Safety Features	Over temperature alarm, temperature protection cutoff, earth leakage Breaker (ELB).		
Power Supply	240V / 50hz		
Power (W)	750	2000	2400
Weight (kg)	18	24	36

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