

Constant Temperature Water Bath (Ambient +5°C to 85°C) with circulator pump

LABEC Constant Temperature Water Bath with a Circulator Pump is manufactured in Australia with high quality stainless steel for easy maintenance, excellent durability.

Using an internal element and submerged RTD sensor connected to a digital temperature controller, temperature can be controlled to 0.1°C. An internal pump is fitted, with an inlet and outlet drain in the bath chamber where water is pushed through the bath, recirculating the water which provides excellent temperature uniformity.

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. Pump out feature for supplying conditioned fluids to external apparatus is also available.



PID Control display system

Controller – A digital display temperature controller controls the temperature within the range ambient +5°C to 85°C.

Standard features include:

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



-SG



-AG



-SSF

NOTE: Lid NOT included. When ordering lid add the appropriate suffix to the bath code (eg: NBCT9P-SSF).



Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd

email: sales@labec.com.au

Ph: 02 9560 2811 • Fax: 02 9560 6131

www.labec.com.au

SPECIFICATIONS

Constant Temperature Water Bath (Ambient +5°C to 85°C) with circulator pump

Model	NBCT2P	NBCT5P	NBCT7P	NBCT9P	NBCT11P
Capacity (L)	8	12	16	25	44
Int. Dim. (cm) L x W x D	30 x 23 x 12	30 x 23 x 17	32 x 30 x 17	50 x 30 x 17	59 x 49 x 17
Ext. Dim. (cm) L x W x D	40 x 40 x 23	40 x 40 x 28	42 x 38 x 28	67 x 40 x 28	78 x 59 x 28
Temp. Controller	Digital PID Controller				
Temp. Min	Ambient +5°C				
Temp. Max	85°C				
Temp. Setting Accuracy	0.1°C				
Temp. Fluctuation	+/- 0.2°C				
Temp. Sensor	Pt 100ohms				
Heating System	Electric Element				
Interior Material	Stainless Steel				
Exterior Material	Stainless Steel				
Options	Flat or gabled lift of lids in either stainless steel or polycarbonate, manual reset over heat cut off, top mounted stirrer, large capacity models, refrigerated models.				
Safety Features	Over temperature alarm, temperature protection cut off, earth leakage breaker (ELB).				
Power (W)	750	750	1200	2000	2400
Weight (kg)	10	15	20	22	33

Serving the Scientific, Medical and Research industries since 1945

LABEC



Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd

email: sales@labec.com.au

Ph: 02 9560 2811 • Fax: 02 9560 6131

www.labec.com.au