

Large Capacity Water Bath

(Ambient +5°C to 100°C)

LABEC Large Capacity Water Bath

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 control the temperature can be controlled to 0.1°C.

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



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:

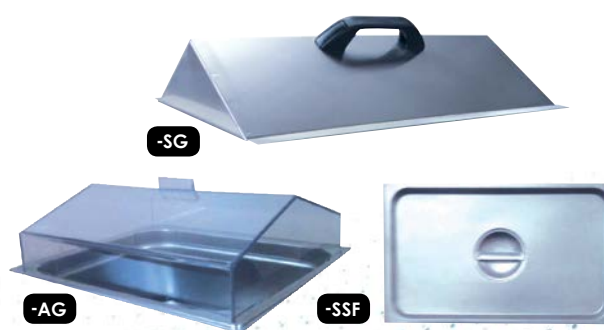
- RCD/ELB (earth leakage breaker).
- Pt 100 ohms sensor fully sheathed.
- Stainless Steel exterior and interior.
- Excellent temperature uniformity.

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. Top mounted or pumped circulation, manual reset overtemperature thermostat, programmable controllers, 0-300 hr timer, inlet/outlet pump and drains can also be fitted. Refrigerated models also available.



NOTE: Lid NOT included. When ordering lid add the appropriate suffix to the bath code (eg: BLC20-SSF).

SPECIFICATIONS

Large Capacity Water Bath (Ambient +5°C to 100°C)

Model	BLC20	BLC30	BLC40	BLC50
Capacity (litres)	40	80	140	170
Int. Dim. (cm) L x W x D	50 x 30 x 30	60 x 35 x 35	80 x 40 x 40	100 x 40 x 40
Ext. Dim. (cm) L x W x D	75 x 41 x 41	85 x 46 x 41	106 x 51 x 51	130 x 51 x 51
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 lids in either stainless steel or polycarbonate, pump out facility, manual reset over heat cut off, top mounted stirrer, circulating pump, drainage outlets, high temperature models available.			
Safety Features	Over temperature alarm, temperature protection cut off, earth leakage breaker (ELB)			
Power Supply	240V/ 50Hz			
Power (W)	2400	2400	3600	6000
Weight (kg)	29	37	45	52

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LABEC



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