

# Oil High Temperature Bath

(Ambient +5°C to 300°C)

## LABEC Oil High Temperature Bath

is manufactured in Australia with high quality stainless steel for easy maintenance and excellent durability. With a choice of temperatures up to +200°C or +300°C. A top mounted stirrer maintains even temperature through forced oil flow.

Using an internal element and submerged RTD sensor connected to a digital temperature controller, temperature can be controlled to 0.1°C. The bath is supplied with a perforated tray which covers the element and allows even circulation of the contents of the bath.



**NOTE:** Lid included

## Additional options

A flat lid is supplied as standard but to suit your functionality the addition of options such as a gabled, flat, acrylic or stainless, manual reset over temperature thermostat, programmable controllers, 0-300 hr timer, inlet/ outlet pump, drains, large capacity and custom size models are available.



PID Control display system

**Controller** – A digital display temperature controller controls the temperature within the range ambient +5°C to 300°C.

## 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.

## Standard features include:

- Choice of temperatures up to +200°C or +300°C.
- All stainless steel construction.
- Top mounted stirrer maintains even temperature through forced oil flow (120mm of opening is lost due to stirrer - so opening dimensions become 38 x 27 x 17cm).
- Digital PID microprocessor controller.
- 30 litre capacity.
- Custom sizes also available.
- Flat lid as standard.
- Options: Gabled lid, remote control box.

## SPECIFICATIONS

# Oil High Temperature Bath (Ambient +5°C to 300°C)

Model	BOB1	BOB2
Capacity (L)	30	
Int. Dim. (cm) L x W x H	50 x 27 x 17 (38 x 27 x 17 with stirrer)	
Ext. Dim. (cm) L x W x H	87 x 37 x 30	
Temp. Controller	Digital PID Controller	
Temp. Min	Ambient +5°C	
Temp. Max	200°C	300°C
Temp. Setting Accuracy	0.1°C	
Temp. Fluctuation	+/- 2°C	
Temp. Sensor	Pt 100 ohms	
Heating System	Electric Element	
Interior Material	Stainless Steel	
Exterior Material	Stainless Steel	
Options	Flat or gabled lid in either stainless or polycarbonate, pump out facility, manual reset over heat cut off, top mounted stirrer, circulating pump, refrigerated models.	
Safety Features	Over temperature alarm, temperature protection cut off, earth leakage breaker (ELB)	
Power (W)	1500	2400
Weight (kg)	24	25

Serving the Scientific, Medical and Research industries since 1945

**LABEC**



Laboratory Equipment Pty Ltd

Laboratory Equipment Pty Ltd

email: [sales@labec.com.au](mailto:sales@labec.com.au)

Ph: 02 9560 2811 • Fax: 02 9560 6131

[www.labec.com.au](http://www.labec.com.au)