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india

LABQUEST
BY BOROSIL®

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Elemental Water Bath

PRACTICAL

RUGGED

SMART



Manufactured in
BOROSIL®
TECHNOLOGIES

Laboratory Essentials - Elemental Water Bath
for Optimal Temperature Control

Water baths

The Elemental Series of General Purpose Water Baths offers a variety of sizes to meet all of your needs and is ideal for general lab applications. The space saving design allows for the most efficient use of your bench space and the PID Controller makes for easy temperature selection, rapid heat-up and excellent stability.

Elemental Series Water Baths can be used for a wide variety of purposes, including routine laboratory tasks, holding samples at a constant temperature, incubation, materials testing, corrosion testing, temperature control of cultures, thermal testing of food, and dental applications.



Construction

- Full SS 304 construction - Interior and exterior
- Seamless Deep-drawn stainless steel PAN (SS304) rounded corners - Cleaning is easy no sharp Corners
- Perforated Base Plate - Better Convection
- Space saving design



Types & Capacities

- **Still Bath** - Temperature uniformity achieved by convection
- **Stirred baths** - Stirring achieved by an efficient, continuously rated, self cooling motor with SS shaft and propeller. They provide more uniformity
- Models with filling volumes from 5L, 12L, 20L

Temperature

- Temperature range ambient +5 to 95.0°C (with optional gabled lid boiling point).
- Control accuracy at 37 is $\pm 0.3^{\circ}\text{C}$.
- Temperature Uniformity $\pm 0.5^{\circ}\text{C}$ for WLC, $\pm 0.2^{\circ}\text{C}$ for WLS Series
- Display Resolution 0.1°C
- Set Temp increments - 0.1degC
- Two Point Calibration





Controller

- Microprocessor PID control for precise temperature control.
- 7 Segment Digital display (LED) of all set parameters, such as temperature as well as time values
- Inbuilt Timer Function 00:00 to 99:59(HH:MM)
- Main Power Switch at Side

Safety

- Elegant looks & Glasswool Insulation
- Safe - No interfering heating elements in the bath
- Built in Dry Run Protection
- 12L/20L - Drain Tap for emptying conveniently
- Over heat protection
- Alarm indication

Accessories



SS-Lid with Nylon Concentric Rings



Transparent Polycarbonate Gabled Lid



Ball Shield - Polypropylene spheres act as a barrier between the liquid and the air.

Model - Still/Stirred	WLC005/WLS005	WLC012/WLS012	WLC020/WLS020
Nominal capacity	5 L	12 L	20 L
Working Temperature range	Ambient +5°C to 95°C		
Temperature Uniformity	Uniformity $\pm 0.5^\circ\text{C}$ for WLC, $\pm 0.2^\circ\text{C}$ for WLS Series		
Interior dimensions (W x D x H) in mm	325 x 180 x 150	355 x 325 x 150	528 x 325 x 150
Exterior dimensions WLC* (W x D x H) in mm	325 x 175 x 300	375 x 340 x 300	590 x 340 x 400
Display	7 Segment LED Display		
Tank material	SS 304		
Outer body	SS 304		
Electrical Requirements	2 A	6 A	9 A
Power Consumption	400 W	900 W	1600 W
HSN Code	84198990		
Ordering Information WLC	BLFWLC00500000000	BLFWLC01200000000	BLFWLC02000000000
Ordering Information WLS	BLFWLS00500000000	BLFWLS01200000000	BLFWLS02000000000
*Additional Information	*All Baths exclusive of accessories - Check codes for Accessories		
	*WLS comes with overhead stirring		

Accessories

Order No.	Ordering Code	Suitable For
5 Litre		
BLAHWLC005LID00003	3 hole WLC005 SS LID Assembly	WLC005
BLAHWLS005LID00002	2 hole WLS005 SS LID Assembly	WLS005
BLAHWLC005PCLID000	WLC005 Polycarbonate LID Assembly	WLC005
BLAHWLS005BALLID00	WLS005 BALL Shield Assembly	WLS005 / WLC005
12 Litre		
BLAHWLC012LID00006	6 hole WLC012 SS LID Assembly	WLC012
BLAHWLS012LID00006	6 hole WLS012 SS LID Assembly	WLS012
BLAHWLC012PCLID000	WLC012 Polycarbonate LID Assembly	WLC012
BLAHWLS012BALLID00	WLS012 BALL Shield Assembly	WLS012 / WLC012
5 Litre		
BLAHWLC020LID00008	8 hole WLC020 SS LID Assembly	WLC020
BLAHWLS020LID00008	8 hole WLS020 SS LID Assembly	WLS020
BLAHWBA012CAPPC000	Polycarbonate Lid ASM	WLC020
BLAHWLS020BALLID00	WLS020 BALL Shield Assembly	WLS020 / WLC020

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