TECHNICAL DATA SHEET

ALab™ WB5-E Water Bath

Water bath, 5L, two holes, LCD with touch buttons · temperature range RT + 5°C to 100°C · bath volume 5L · timer 1min-99h59min



ALab™ WB5-E Water Bath

The ALab™ WB5-E Water Bath; image shown for reference.

CONTENTS

01 Product Overview

02 Core Advantages

03 Specifications

04 Applications

ACS MATERIAL, LLC

959 E Walnut St., Suite 100

Pasadena, CA 91106, USA

Phone +1 (866) 227-0656

Fax +1 (781) 518-0284

contact@acsmaterial.com

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SECTION I

Product Overview

The WB5-E heats from RT + 5℃ to 100℃ with a temperature accuracy of ±1℃, and heats 5L of water to 100℃ within 30 minutes. The LCD shows time, temperature and operating status; touch buttons with audible beeps replace traditional buttons, and the timer runs from 1min to 99h59min. The adjustable two-hole lid fits different sample containers, a side window shows the water level, and the heating tube and drain outlet are concealed. It is a constant-temperature heating device for physicochemical analysis, sample pretreatment and constant-temperature reactions in university laboratories, pharmaceutical companies, food testing and chemical analysis.

SECTION II

Core Advantages

- **Temperature range** — RT + 5℃ to 100℃
- **Timer** — 1min-99h59min
- **Display** — LCD
- **Temperature accuracy** — ±1℃
- **Bath volume** — 5L
- **Holes** — 2
- **Control panel** — Touchscreen buttons
- **Temperature stability** — ≤±1℃

SECTION III

Specifications

Technical data — WB5-E

Specifications	
Brand	ALab™ by ACS Material
Model	WB5-E
SKU #	ALWB5E00
Product Type	Water bath, 5L, two holes, LCD with touch buttons
Holes	2
Bath volume	5L
Display	LCD
Control panel	Touchscreen buttons
Temperature range	RT + 5℃ to 100℃
Temperature accuracy	±1℃
Temperature stability	≤±1℃
Temperature display accuracy	0.1℃
Time setting	1min-99h59min
Overheating protection	Yes
Anti-dry burn function	Yes
Temperature sensor	PT1000
Dimensions [W×D×H]	390×290×227mm
Weight	3.9kg
Voltage, frequency	110/220V, 50/60Hz
Heating power	800W
Ambient temperature	+10 to 40℃
Ambient humidity	<80% RH

Scope of delivery

- Main unit: ALab™ WB5-E Water Bath

SECTION IV

Applications

The WB5-E is a compact 5L two-hole water bath for constant-temperature heating from RT + 5℃ to 100℃, with LCD and touch control, a timer, an adjustable lid for different containers, and dry-boil protection.

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