TECHNICAL DATA SHEET

ALab™ LWB-B-2SL Digital Thermostat Water Bath

Digital thermostat water bath, 2L (shallow) · temperature range RT + 5℃ to 100℃ · capacity 2L (shallow) · heating power 350W



ALab™ LWB-B-2SL Digital Thermostat Water Bath

The ALab™ LWB-B-2SL Digital Thermostat 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

Revision Date **11/21/2026**

SECTION I

Product Overview

The LWB-B-2SL combines microcomputer digital technology with PID control. It controls from RT + 5℃ to 100℃ with a temperature stability of ±0.5℃ at 60℃, and rises from room temperature to 95℃ in 30min. A U-shaped stainless steel heating tube heats uniformly with corrosion resistance and low heat loss; the one-step formed stainless steel inner tank resists high temperature, corrosion and rust. The cover has a glass window for real-time observation, and the LED display shows running and setting information.

SECTION II

Core Advantages

- **Temperature range** — RT + 5℃ to 100℃
- **Heating power** — 350W
- **Temperature stability** — ±0.5℃ at 60℃
- **Display** — LED
- **Capacity** — 2L (shallow)
- **Inner tank material** — One-step formed stainless steel
- **Temperature display resolution** — 0.1℃
- **Timer** — Timed working function

SECTION III

Specifications

Technical data — LWB-B-2SL

Specifications	
Brand	ALab™ by ACS Material
Model	LWB-B-2SL
SKU #	ALLW0100
Product Type	Digital thermostat water bath, 2L (shallow)
Capacity	2L (shallow)
Inner tank material	One-step formed stainless steel
Heating element	U-shaped stainless steel heating tube
Temperature control range	RT + 5℃ to 100℃
Temperature control	Microcomputer PID; accuracy ±0.5℃
Temperature stability	±0.5℃ at 60℃
Temperature display resolution	0.1℃
Temperature rise time (RT to 95℃)	30min
Display	LED
Timer	Timed working function
Safety	Dry-burn prevention monitoring; over-temperature protection
Heating power	350W
Total power	360W
Input voltage	110-120V 60Hz / 200-240V 50Hz
Dimensions	353×233×210mm
Weight	4kg

The LWB series

Model	Capacity	Heating / total power	RT to 95°C	Dimensions	Weight
LWB-B-2L	2L	250W / 260W	30min	193×233×210mm	4kg
LWB-B-2SL	2L (shallow)	350W / 360W	30min	353×233×210mm	4kg
LWB-B-5L	5L	600W / 650W	40min	400×280×290mm	6.5kg
LWB-A-10L	10L	1000W / 1050W	40min	400×343×290mm	10kg
LWB-A-20L	20L	1500W / 1550W	60min	612×406×360mm	13kg
LWB-A-28L	28L	1500W / 1550W	60min	612×406×360mm	15kg

All six models share RT + 5°C to 100°C, ±0.5°C stability at 60°C, 0.1°C display resolution and 110-120V 60Hz / 200-240V 50Hz input.

Scope of delivery

— Main unit: ALab™ LWB-B-2SL Digital Thermostat Water Bath

SECTION IV

Applications

The LWB-B-2SL is a 2L shallow digital thermostat water bath for constant-temperature work from RT + 5°C to 100°C, with PID control, a glass-window cover, a stainless steel inner tank and dry-burn and over-temperature protection.

Revision Date: 11/21/2026

DISCLAIMER

ALab™ is a trademark of ACS Material, LLC. ACS Material, LLC believes that the information in this Technical Data Sheet is accurate and represents the best and most current information available to us. ACS Material makes no representations or warranties, either express or implied, regarding the suitability of the equipment for any application or the accuracy of the information contained within this document. Specifications are typical and may vary by model; assess product details and application suitability for the intended use. Accordingly, ACS Material will not be responsible for damages resulting from use of or reliance upon this information.