

LCB 50

Portable calibration bath with temperature range of 30°C .. 225°C/ 86.... 437°F, which offers an immersion depth of 190 mm and a diameter of 60mm, allowing a higher range. Leyro Instruments offer the best calibration bath performance for the most demanding accurate calibrations. Thanks to adjustable magnetic stirrer with potentiometer, can homogenize the calibration area, which makes it one of the most reliable equipment thanks to its high stability of $\pm 0.03^{\circ}\text{C}$ and excellent uniformity $\pm 0.05^{\circ}\text{C}$.



APPLICATIONS

Calibration Laboratories
Testing Labs
Universities / R & D
Chemical / Pharmaceutical Industry
Food industry
Maintenance Service

HIGHLIGHTS

Fast response time
Temperature range 30 ... 225°C / 86...437°F
External Reference temperature
Immersion depth 190mm
Resolution: $\pm 0.1^{\circ}\text{C}$
Stability : $\pm 0.03^{\circ}\text{C}$
Uniformity: $\pm 0.05^{\circ}\text{C}$
Portable
3 Years Warranty

General information

Easy and intuitive temperature controller with 4 digits and a resolution of 0,1

Integrated PT 100 probe for reference temperature measurements

Adjustable speed magnetic stirrer by potentiometer

High temperature stability up to $\pm 0.03^{\circ}\text{C}$

Lower temperature uniformity of $\pm 0.05^{\circ}\text{C}$

Temperature chamber with basket for temperature sensors to be calibrated.



Technical data

Operating temperature range (°C)	30 ... 225 °C / 86...437°F
Accuracy	±0.1°C
Temperature stability (°C)	±0.03 °C
Uniformity	±0.05°C
Resolution	±0.1°C
Well Diameter	60 mm
Immersion depth	190 mm
Well capacity	0.7 liters
Warm-up time	25 to 220°C: 42 Minutes
Cooling time	220 to 100°C: 35 Minutes
Housing and assembly	Desktop / portable
Dimensions An x La x Al (cm)	280 x 280 x 400
Weight (kg)	11.4 kg
Power	310 W
Supply	100 ... 234 Vac 50/60 Hz
It is recommended to use 20 Cst silicone oil	

Scope of delivery

Basic instrument LBC 50
Teflon magnetic stirrer; basket; 1,5 m power cord cable and metal lid
Drain Pump
Traceable Certificate 3.1 (5 Points of calibration)
English manual

Optional

Teflon magnetic stirrer
Methacrylate lid with 6 inserts.
Trolley transport case with wheels and handle.
ENAC / ISO 17025 calibration certificate

