

LCB 50

Portable calibration bath with temperature range of 30°C .. 225°C. 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 0.03°C and excellent uniformity 0,05°C.



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

HIGHLIGHTS
Temperature range 30 ... 225°C
Immersion depth 190mm
Stability 0,03°C
Uniformity 0,05°C
Fast response time

General information

PID temperature controller
Keyboard Selection of set point values alert / security and menu
Adjustable speed magnetic stirrer by potentiometer
High temperature stability up to $\pm 0.03^{\circ}\text{C}$
Lower temperature uniformity of $\pm 0.05^{\circ}\text{C}$
Integrated Pt100 sensor for reference temperature measurements
Temperature chamber with basket for temperature sensors to be calibrated.



Technical data

Operating temperature range (°C)	30 ... 225 °C
Temperature stability (°C)	±0.05 °C
Uniformity	0.03°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)	190 x 270 x 428
Weight (kg)	9.6 kg
Supply	110 ... 230 Vac 50/60 Hz



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

Communications RS 485
Magnetic stirrer
Methacrylate lid with 6 inserts.
Trolley transport case with wheels and handle.
ENAC / ISO 17025 calibration certificate