

LCB 50

Portable calibration bath with temperature range of 30°C .. 225°C / 86 ... 437 °F. Which offers an immersion depth of 190 mm / 7.48 in and a diameter of 60mm / 2.36 in, 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 / 0.05 °F and excellent uniformity 0.05 °C / 0.09 °F.



APPLICATIONS

Calibration Laboratories

Testing Labs

Universities / R & D

Chemical / Pharmaceutical Industry

Food industry

HIGHLIGHTS

Temperature range 30 ... 225°C

86 ... 437 °F

Immersion depth 190mm / 7.48 in

Stability 0.03 °C / 0.05 °F

Uniformity 0.05 °C / 0.09 °F

Fast response time

General information

PID temperature controller

Keyboard Selection of setpoint values alert / security and menu

Adjustable speed magnetic stirrer by potentiometer

High temperature stability up to ± 0.03 °C / ± 0.05 °F

Lower temperature uniformity of ± 0.05 °C / ± 0.09 °F

Integrated Pt100 sensor for reference temperature measurements

Temperature chamber with basket for temperature sensors to be calibrated.

Technical data

Operating temperature range	30 ... 225 °C / 86 ... 437 °F
Temperature stability	± 0.05 °C / ± 0.09 °F
Uniformity	± 0.03 °C / ± 0.05 °F
Resolution	0.1°C / 0.1°F
Well Diameter	60 mm / 2.36 in
Immersion depth	190 mm / 7.48 in
Well capacity	0.7 liters
Warm-up time	25 to 220 °C: 42 Minutes 77 ... 428 °F: 42 Minutes
Cooling time	220 to 100 °C: 35 Minutes 428 ... 212 °F: 35 Minutes
Housing and assembly	Desktop / portable
Dimensions An x La x Al	280 x 280 x 400 mm 11.02 x 11.02 x 15.75 in
Weight (kg)	11.4 kg / 28.22 lb
Supply	88 ... 264 Vac 50/60 Hz

Scope of delivery

Basic instrument LCB 50 / metal lid.
Teflon magnetic stirrer, basket and 1,5 m cable.
Traceable Certificate 3.1
English manual

Optional

Trolley transport case with wheels and handle.
ENAC / ISO 17025 calibration certificate