

LCB 30

Portable Calibration bath with temperature range of - 35 °C ... 165 °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 -35 ...165°C*
Immersion depth 190mm
Estability 0,03°C
Uniformity 0,05°C
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
Lower temperature uniformity of ± 0.05 °C
Integrated Pt100 sensor for reference temperature measurements
Temperature chamber with basket for temperature sensors to be calibrated.

Technical data

Operating temperature range (°C)	-35 ... 165 °C *
Temperature stability (°C)	±0.03 °C
Uniformity	0.05°C
Resolution	0.1°C
Well Diameter	60 mm
Inmersion depht	190 mm
Well capacity	0.7 litros
Warm-up time	-5 to 100°C: 25 Minutes
Cooling time	25 to -25°C 45 Minutes
Housing and assembly	Desktop / portable
Dimensions An x La x Al (cm)	280 x 280 x 400
Weight (kg)	12.8 kg
Supply	110 ... 230 Vac 50/60 Hz

*Minimum Temperature is 52°C Below Ambient, Absolute Minimum -35°C

Scope of delivery

Basic instrument LBC 30

Teflon magnetic stirrer, basket, 1,5 m cable and metal lid.

Traceable Certificate 3.1

English manual

Optional

Trolley transport case with wheels and handle.

ENAC / ISO 17025 calibration certificate

Methacrylate lid with 5 inserts.