

LCB 30

Portable Calibration bath with temperature range of - 35 °C ... 165 °C / -31 °F ... 329 °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 **-35 ... 165°C***
-31 ... 329°F*
Immersion depth **190mm / 7.48 in**
Estability **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

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|---|---|
| Operating temperature range | -35 ... 165 °C * / -31 ... 329 °F |
| Temperature stability | ± 0.03 °C / 0.05 °F |
| Uniformity | ± 0.05°C / 0.09 °F |
| Resolution | 0.1 °C / 0.1 °F |
| Well Diameter | 60 mm / 2.36 in |
| Inmersion depht | 190 mm / 7.48 in |
| Well capacity | 0.7 litros |
| Warm-up time | -5 to 100°C: 25 Minutes 23 to 212 °F: 25 Minutes |
| Cooling time | 25 to -25°C 45 Minutes 77 to -13 °F: 45 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 | 12.8 kg / 28.22 lb |
| Supply | 88 ... 264 Vac 50/60 Hz |
| *Minimum Temperature is 52°C / 125.6 °F Below Ambient, Absolute Minimum -35°C / -31 °F | |

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.

Contact:
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