

LCB 30 + COOL Basic

Portable calibration thermostatic bath, with temperature range-40°C ... 165°C*. It offers an immersion depth of 190mm and a diameter of 60mm, which allows a high working range. Leyro laboratory baths offer the best performance for the most demanding precision calibrations. Thanks to the continuously adjustable magnetic stirrer, it allows to homogenize the calibration area, which makes it one of the most reliable equipment thanks to its high stability of ±0.01°C and better uniformity ± 0.03°C.



APPLICATIONS

Calibration Laboratories
Test Laboratories
Universities / R&D Centers
Chemical / Pharmaceutical Industry
Food Industry
Maintenance and service

HIGHLIGHTS

Fast response time Temperature range -40 ... 165°C* Immersion depth 190 mm

Resolution: ± 0.1°C
Stability: ± 0.01°C
Accuracy: ± 0.1°C
Uniformity: 0.03°C
Fast response time
Portable
3 Year Warranty

General data

Easy and intuitive temperature controller with 4 digits and a resolution of 0.1 Integrated Pt100 probe for reference temperature measurements

Magnetic stirrer speed adjustable via potentiometer

High temperature stability up to ±0.01°C

Temperature uniformity better than ±0.03°C

Temperature chamber with basket for temperature probes to be calibrated.



Technical characteristics

Operating temperature range (°C) -40...165°C* ±0.1°C Accuracy Temperature stability (°C) ±0.01°C Uniformity 0.03°C 0.1°C Resolution Diameter 60mm 190mm Well Depth 0.7 liters Capacity

Heating Time From 0 to 100°C: 35 Minutes

Cooling Time From 25 to -40°C: 1h and 40m

Casing and Mounting

Desktop / portable

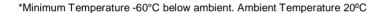
Dimensions W x L x H (mm)

250 x 300 x 400

Weight (kg) 12.8kg Consumption 310W

Power supply 110...230Vac 50/60Hz

It is recommended to use silicone oil 5 Cst



Standard delivery

Basic instrument LCB 30 + Cool

Teflon magnetic stirrer, basket, 1.5 m power cable and metal lid

Drainage pump

Certificate 3.1 Traceable with 5 calibration points

Manual

Optional

RS485 communications (software included, and cable to PC not included)

Teflon coated magnetic stirrer

PLA lid with 6 inserts

Trolley transport suitcase with wheels and handle

ENAC /ISO 17025 calibration certificate



