

LCA 30 + COOL

Portable thermostatic calibration bath, with a temperature range of - 40°C ... 165°C *. It offers a depth of immersion 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, accuracy of 0.1°C and better uniformity 0.05°C.



APPLICATIONS

Calibration Laboratories
Universities / R&D centers
Chemical / Pharmaceutical Industry
Food Industry
Maintenance & Service

HIGHLIGHTS

Fast response time
Temperature range -40 ... 165°C*
External Reference Temperature
Immersion Depth: 190 mm
Resolution: 0.1/0.01/ 0.001°C
Stability: 0,01°C
Accuracy: 0.1°C
Uniformity: 0.05°C
Portable and Handy
3 Years Warranty

General information

User interface with 4.3" touch screen
Data register in a 80Mb internal memory
Function of 40 programmes
Trend Graph
Ethernet communication and 2 USB ports
Barcode reader
External Reference PT100 4-wire probe



Technical features

Operating Temperature Range (°C)	-40...165°C*
Temperature Control	Int / Ext temperature control PT100 (3/4 wire) Switch
Stability	±0.01 °C
Uniformity	±0.05 °C
Resolution	0.1 / 0,01/ 0,001°C
Accuracy	0,1°C
Diameter	60 mm
Depth	190 mm
Calibration Volume	0.7 liters
Warm-up time	From -5 to 100°C: 25 Minutes
Cooling time	25 to -25°C: 45 Minutes
Housing and assembly	Portable
Dimensions W x L x H (cm)	280 x 370 x 490
Weight (kg)	17.2 kg
Power supply	110 ... 230 Vac 50/60 Hz

*Minimum temperature range is 60°C, below ambient. Absolute minimum -40°C

Scope of delivery

Basic bath LCA 30 + COOL
Power Cord
Teflon Magnetic Stirrer
Manufacturing Traceable Calibration 8 points
Instruction Manual
Drain Pump
3 Year Warranty against factory defects

Options

Trolley transport case with wheels and handle
ENAC Calibration Certificate
Methacrylate lid with 6 inserts
External control
Pt 100/ 4-wire
Teflon magnetic stirrer