



PORTABLE  
DRY BLOCK  
CALIBRATOR



SMART PROBE



TOUCH  
SCREEN



NEW GENERATION

# ECILCAL LT SMART STANDARD

It has temperature controllers with PID parameters adjusted according to the characteristics of the calibrator throughout all its working range.

Versatile as always,  
and now, smarter than ever!

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NEW GENERATION

**ECILCAL**  
LT SMART STANDARD

The Portable Calibrator of Temperature Sensors model **ECILCAL LT SMART STANDARD** is a homogeneous and stable heat source, where through an equalizer block, several test sensors and a standard thermometer are inserted for calibration by comparison.

- It has the PID temperature controller, an auxiliary input for the reading of the smart probe and an input for the sensors in calibration.
- In addition to selecting between types of sensors, this version makes it possible to also include fully configurable probes.
- Built-in help with instructions on functions and settings.
- 480x272 pixel backlit color touchscreen display.
- Graphic visualization of temperature measurements.



### PACKAGE CONTENTS

- An **ECIL SMART LT STANDARD** Calibrator
- One standard insert for each block
- An insert puller
- A power cable
- A carrying bag plus accessories
- Instruction manual in English
- RBC calibration certificate

### OPTIONALS

- Inserts with custom drilling
- Container for stirred liquid
- Black body target
- PT-100 type standard sensor

### SMART PROBE

Smart standard sensor with built-in memory.  
Types: PT-100 or R/S Thermocouple.  
Supplied with calibration certificate accredited by Cgcre.  
Accepts Callendar-Van Dusen Coefficients.  
There is no need to correct the error in reading.

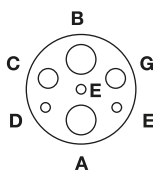
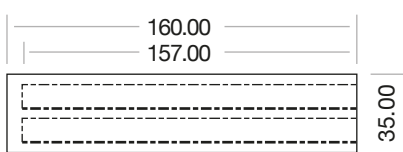


Standard Sensor

## TECHNICAL SPECIFICATIONS

Range	50°C below ambient temperature up to 140°C
Absolute Stability	0.01°C (liquid container) and 0.02°C (dry block)
Controller Resolution	0,01°C
Technical Unit	°C and °F
Calibration Volume	35 mm Ø by 157mm of Immersion
Insert Holes	2 x 4.5mm; 2 x 6.4mm; 1 x 8mm and 1 x 9.5mm
Power Supply	200 to 240 Vac 50/60 Hz or 100 to 127 Vac 50/60 Hz
Power Output	200 Watts
Weight	11.0 kg with insert
Dimensions	Height 300mm / Width 340mm / Depth 170mm

STANDARD INSERT DIAGRAM



- Hole A: 9.50mm diameter
- Hole B: 8.00mm diameter
- Hole C: 6.40mm diameter
- Hole D: 4.50mm diameter
- Hole E: Threaded, for block extraction



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Know More

