



ECIL

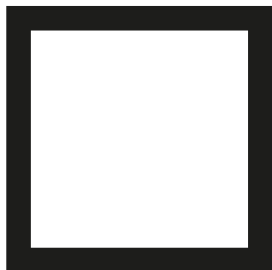
industrial temperature

PORTABLE
DRY BLOCK
CALIBRATORS

 TOUCH
SCREEN



NEW GENERATION



ECILCAL

LT SMART LITE

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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The Portable Sensors Calibrator, **SMART LT LITE CALIBRATOR**, is a homogeneous and stable source of heat, where through an equalizer block, several test sensors and a standard sensor can be inserted for the comparison calibration process.

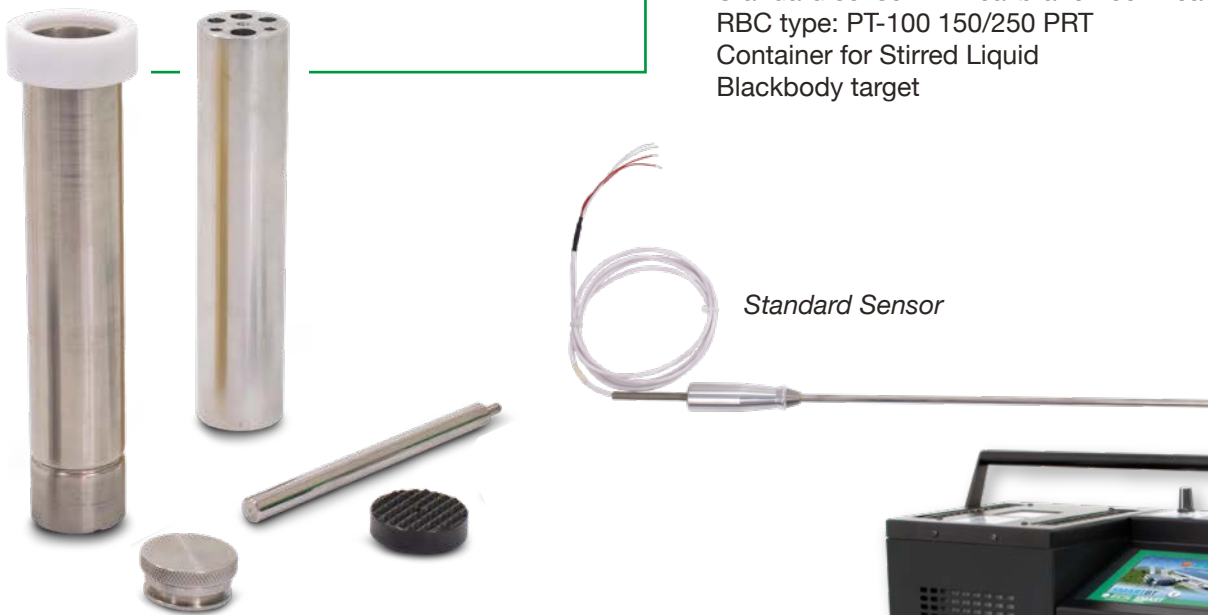
The CALIBRATOR has equalizer blocks constructed of conductive material that fits into its well. It is in these blocks that thermal equilibrium occurs and make comparison possible. The standard thermometer and the Thermometers in calibration should fit with little Clearance from the block holes for good calibration. The block has: 35mm in diameter by 160mm in length. The CALIBRATOR can be used in any type of industry for calibrating thermocouples, PRTs, bimetallic thermometers, etc. This calibrator can be easily operated and maintained.

PACKAGE CONTENTS

- An **ECIL SMART LT LITE** 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

- 110Vac power supply
- Inserts with custom drilling
- Standard sensor with calibration certificate
- RBC type: PT-100 150/250 PRT
- Container for Stirred Liquid
- Blackbody target



Standard Sensor

TECHNICAL SPECIFICATIONS

Range	50° below amb. temp. at 140°C
Absolute Stability	0.01°C (liquid container), 0.02°C (dry block)
Temp Uniformity.	0.02°C (liquid container), 0.05°C (dry block)
Controller Resolution	0.01°C
Calibration Volume	35mm diameter by 160mm immersion
Insert Holes	2 x 4.5mm / 2 x 6.4mm / 1 x 8.0mm / 1 x 9.5mm
Technical Unit	°C / °F
Dimensions	Height 300mm / Width 340mm / Depth 170mm
Weight	11 kg
Power Supply	200 to 240Vac
Warranty	12 months

