



PORTABLE  
DRY BLOCK  
CALIBRATOR



SMART PROBE



TOUCH  
SCREEN



NEW GENERATION

# ECILCAL

MHT 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**

MHT SMART STANDARD

The Portable Double Temperature Sensor Calibrator **MHT SMART STANDARD CALIBRATOR** is simply the best technological solution for temperature calibrations from 35°C to 1200°C. It 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 MHT 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**

110Vac Power Supply

Inserts with custom drilling

Standard sensors with calibration certificate

RBC types: PT-100 420/2320 and "R" thermocouple.

**SMART PROBE**

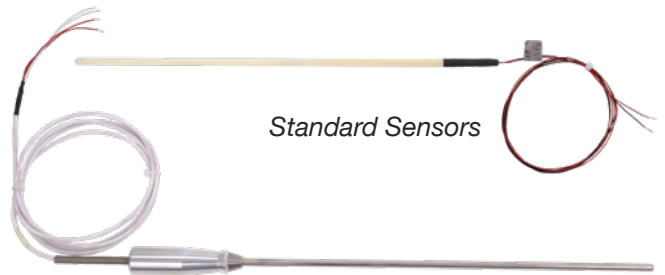
Smart standard sensor with built-in memory.

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 Sensors

**TECHNICAL SPECIFICATIONS**

<b>MT BLOCK</b>	Range	35°C to 650°C
	Absolute stability	0.02°C
	Controller resolution	0.01°C
	Calibration volume	35mm in diameter by 148mm of immersion
	Insert holes	2 x 4.5mm / 2 x 6.4mm / 1 x 8.0mm / 1 x 9.5mm

<b>HT BLOCK</b>	Range	150°C to 1200°C
	Absolute stability	±0,2°C
	Controller resolution	0.1°C
	Calibration volume	35mm in diameter by 130mm of immersion
	Insert holes	4 x 6.35mm / 1 x 8mm / 1 x 9.5mm



Technical Unit	°C and °F
Dimensions	Height 300mm / Width 510mm / Depth 170mm
Weight	22 kg
Power Supply	200 to 240Vac
Warranty	12 months



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