ECIL
industrial temperature

PORTABLE DRY BLOCK CALIBRATORS

NEW GENERATION

ECILCAL *MHT SMART FULL*

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 FULL*

The Portable Dual Temperature Sensors Calibrator, **SMART MHT FULL CALIBRATOR**, is simply the best technology solution for temperature calibrations ranging from 35° to 1200°C. It is a homogeneous and stable source of heat, where through an equalizer block, several sensors can be inserted for the comparison calibration process.

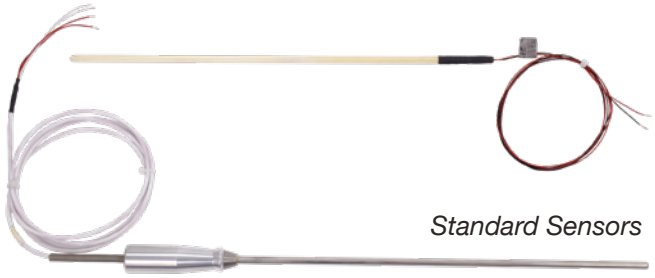
- It has a 4-channel selector switch, for reading of the sensors in calibration, identified by a tag of up to 16 characters.
- The Standard can be internal or external or a Probe type external standard that eliminates the need to correct the error in the standard reading.
- The calibration routine can be automated between channels, with the results being accessible and stored on the instrument display itself.
- Switch Test function for temperature.
- Built-in help with instructions on the functions and settings.

PACKAGE CONTENTS

An ECIL SMART MHT FULL Calibrator
One standard insert for each block
An insert puller
A power cable
A carrying bag plus accessories
Instructions manual in English
RBC calibration certificate

OPTIONALS

110Vac power supply
Inserts with custom drilling
Standard sensors with calibration certificate
RBC types: PT-100 420/320 PRT,“Type R” Thermocouple and Blackbody target (Low and high temperature sides)



Standard Sensors

TECHNICAL SPECIFICATIONS

MT BLOCK	Range	35° to 650°C
	Absolute Stability	0.02°C
	Controller Resolution	0.01°C
	Calibration Volume	35mm diameter by 148mm immersion
	Insert Holest	2 x 4.5mm / 2 x 6.4mm / 1 x 8.0mm / 1 x 9.5mm

HT BLOCK	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 Dimensionst	4 x 6,35mm / 1 x 8mm / 1 x 9,5mm

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

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Know More