

Temperature

Very High Temperature Dry Block Calibrator

Semi-Portable with Castor Wheels

Ideal for Steel, Glass, Ceramic Semi-Conductor Industries etc. for Calibration of noble Metal Thermocouples – Type R / S/ B etc.

Fast, Stable & Accurate

Model

CTC-1500

- Range : 500°C to 1500°C
- Accuracy : $\pm 0.5\%$ of Span
- Fast, Stable & Accurate
- Autotune PID Controller
- Heating Element : Silicon Carbide
- Dry Block – High Alumina Ceramic Single (Interchangeable)
- Immersion Depth : 250 mm
- Interchangeable Single Hole Thermowells : ID 7, 11 & 15 mm
- Semi-Portable (with Castor Wheels)
- RS-232 Computer Interface
- "Caltemp" Calibration Software - Optional



Specifications

Range

500°C to 1500°C

Resolution

1°C

Accuracy

±0.5% of Span *

Stability

±2°C

Stabilisation Time

50 Minutes (approx.)

Temperature Readout

°C / °F Switchable

Ceramic Dry Block Dia

55 mm

Probe Immersion Depth

250 mm

Heating Element

Silicon Carbide

Heating Time (to max)

190 Minutes (approx.)

Interchangeable Thermowells

ID : 7 mm; 11 mm; 15 mm

Transmitter Power Supply

24V DC

Power Supply / Consumption

230V AC / 50 Hz / 6 KW

Housing / Mounting

Floor Model on Castor Wheels

Temperature Control

Auto-tune PID Control

Instrument Dimensions (W x D x H)

345 x 510 x 830 mm (with wheel)

Instrument Weight

40 Kgs.

STANDARD DELIVERY

- Basic Instrument
- Ceramic Dry Block with 3 sizes of Single Hole Interchangeable Thermowells
- Test Leads
- RS-232 Computer Interface
- Traceable Calibration Certificate
- Instruction Manual

OPTIONALS

- Interchangeable / Single Hole Thermowells – other sizes
- Reference Thermocouple
- "Caltemp" Calibration Software
- Digital Temperature Indicator\
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory

* In Comparison Mode, much higher Accuracies can be achieved.

PRISMA
Instruments
& Gauge Bourdon France

