

Temperature

Sub-Zero
Temperature Calibrator

Portable / Bench-top Model

Ideal for quick / fast Lab / Site Calibration of TC / RTD, Bi-Metal Thermometers, Temperature Switches / Indicators etc. – in Industrial & Marine Applications.

*Microprocessor based
Precision Dry Block*

Model

CTMP-40R

- Range : -40°C above Ambient to 123°C
- Accuracy : ±0.3°C
- Advanced – Microprocessor based Technology
- High Precision / Exceptional Stability
- Portable – Field & Lab use
- Fast heating & Cooling
- Switch Test & Hold facility
- Current Measurement & Transmitter Supply
- Programmable Slope Rate
- Analog Output
- RS-232 Computer Interface
- Calibration Software (optional)



Specifications**CTMP-40R****Range**

-40°C from Ambient to 123°C

Resolution

±0.1°C

Accuracy

±0.3°C

Stability *

±0.05°C

Stabilisation Time

7 Minutes

Temperature Readout

°C / °F Switchable

Well Diameter

19 mm

Immersion Depth

100 mm

Heating Time

14 Minutes (from Ambient to max.)

Cooling Time

34 Minutes (from Ambient to min.)

Interchangeable Thermowells

Single Hole to suit 1/4" - Standard

Current Input

0 to 24 mA

Resolution

0.01 mA

Accuracy (mA)

±0.05% FS + 1 digit

Transmitter Supply / Temperature Switch

24V / 30 mA DC / 5V

Power Supply / Consumption

230V AC / 50 Hz / 120 W

Instrument Dimensions (L x D x H)

155 x 375 x 300 mm

Instrument Weight

10 Kgs.

* Measured at bottom of well with Precision Sensors

STANDARD DELIVERY

- Basic Instrument
- Test Leads
- Mains Cable
- Insertion Tube (to suit 1/4" Probe)
- Tool for Insertion Tube
- Spare Fuses
- RS-232 Computer Interface
- Traceable Calibration Certificate
- Instruction Manual
- Carrying Case

OPTIONALS

- Additional Single hole Insert (Maximum 15 mm)
- Multi-hole Insert (consult us)
- "Caltemp" Calibration Software
- 115V AC / 60 Hz Model
- Calibration Certificate from NABL Accredited – as per ISO/IEC 17025:2005 Laboratory

PRISMA
Instruments
& Gauge Bourdon France