



Nagman

Temperature Calibrators

Sub-Zero

Portable Temperature Calibrator

Microprocessor Based / Dry Block / Precision

Ideal for quick / fast Lab / Site Calibration of RTD's / T/C's, Bi-Metal Thermometers, Temperature Switches / Indicators etc. - in Industrial & Marine Applications.

Features

- 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
- Sturdy Carry Case with Accessories
- RS - 232 Computer Interface
- Optional Calibration Software

Model

MP 40R



Range : -40°C from ambient to 123°C

Accuracy : $\pm 0.3^{\circ}\text{C}$

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- Comprehensive Calibration Solutions (Standards / Systems / Packages / Software / Services)

Specifications

Range	Interchangeable Thermowells
-40 from ambient to 123°C	Single Hole to suit ¼" & ½" Probes - Standard
Resolution	Current Input / Resolution / Accuracy (mA)
±0.1°C	0 to 24 mA / 0.01 mA / ±0.05% F.S + 1digit
Accuracy	°C / °F
±0.3°C	Switchable
Stability *	Transmitter Supply / Temperature Switch
±0.05°C	24 V / 30 mA DC / 5V
Stabilisation Time	Power Supply / Consumption
7 Minutes	230 VAC / 50 Hz / 120W
Well Immersion Dia & Depth	Dimension (W x D x H)
19mm / 100mm	155 x 375 x 300 mm
Heating Time (Minutes)	Weight (Approx.)
14 (from 25°C to Max.)	10 Kgs
Cooling Time (Minutes)	
34(from 25°C to Min.)	

* Measured at bottom of well with Precision Sensors

Standard Delivery

- Basic Instrument
- Cable for Thermostat Switch Test
- Mains Cable
- Insertion Tubes (to suit ¼" & ½" probes)
- Tool for Insertion Tube
- Traceable Calibration Certificate
- Spare Fuses
- Instruction Manual

Optionals

- Carrying Case
- "Caltemp" Calibration Software
- 115 V AC / 60Hz Power Supply
- Calibration Certificate from NABL Accredited
- as per ISO/IEC 17025:2005 - Laboratory



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* Specifications are subject to change owing to continuous development