



# Negative Dry Block Temperature Calibrator

## NTC Series



### Application

Ideal for calibration of thermocouples, RTDs, gauges, thermometers, switches, transmitters, etc.,

### Features

Dry Block. Fast Heating & Cooling. Controlled through PID Controller. Good Stability. Power Supply for Transmitters. Facility to check Temperature Switch Test. RTD & TC measurement facility (for NTC (i) model).

\*This image is for marketing purposes; the actual instrument may vary slightly\*

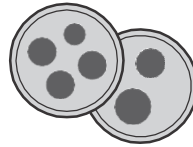


## NTC (i)

### WITH MEASUREMENT FACILITIES

Input Types		Range
Thermocouple	J	-50 to 660°C
	K	-50 to 660°C
	R	-50 to 660°C
	S	-50 to 660°C
	N	-50 to 660°C
	B	0 to 660°C
	L	-50 to 660°C
	T	-50 to 400°C
	RTD	Pt 100

Accuracy of measurement:  $\pm 0.05\%$  of reading  $\pm 2$  LSD



Multi-Hole Insertion Tube

Range	: -35 from ambient to 123°C (Eg. : -10 @ Ambient 25°C)
Resolution	: 0.01°C upto 99.99°C & 0.1°C above 99.99°C
Accuracy	: $\pm 0.4^\circ\text{C}$
Stability	: $\pm 0.1^\circ\text{C}$
Stabilization Time	: 10 minutes
Units	: °C/°F Switchable
Display	: LED Green
Heating Time (ambient to 123°C)	: 25 minutes (approx.)
Cooling Time (ambient to negative max.)	: 30 minutes (approx.)
Switch Test Facility	: Provided
Transmitter Power Supply	: Provided
Block Diameter	: 25.6 mm
Block Immersion	: 120mm
Insertion Tube Diameter	: 25.4mm
Insertion Tube Length	: 120mm
Insertion Tube Depth	: 110 mm
Power Supply	: 230V AC $\pm 2.5/50$ Hz.
Dimensions	: 153 x 240 x 340 mm
Weight	: 7 Kgs.

### Standard Delivery

- Instrument : 1 no.
- Power Cable : 1 no.
- Carrying Case : 1 no.
- Test Lead : 1 no.
- Insertion Tube : 1 x 1/4" + 1 x 12.5 mm
- Insertion Tool : 1 no.
- Spare Fuse : 500 mA, 3A - 2 nos. each
- User Manual : 1 no.
- Traceable Calibration Certificate Standard

### Optional

- Contact us for additional thermowells/insertion tubes & multi hole
- Accredited (NABL) Calibration Certificate as per ISO/IEC 17025 Standard

Manufacturer of

TEST BENCHES  
CALIBRATION INSTRUMENTS

ISO 9001  
Certified Company

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ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

THERMAL  
MECHANICAL  
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www.calibrationlab.in