



Dry Block Temperature Calibrator

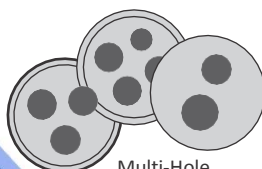
TH Series

Application

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

Features

Dry Block. Fast Heating & Cooling. Controlled through PID Controller. Good Stability.



Multi-Hole
Insertion Tube



TECHNICAL SPECIFICATION

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Model	650 TH & 650 THi	
Range at 23°C	35 to 650°C	
Resolution	0.01/0.1°C	
Display Accuracy	@ 50°C	@650°C
	±0.2°C	±0.5°C
Bath Stability	±0.03°C	±0.05°C
Stabilisation Time	20 Minutes	
Radial Uniformity	@ 50°C	@650°C
	±0.02°C	±0.04°C
Axial Uniformity at 40mm	±0.05°C	±0.5°C
Heating Time	50 to 650°C	
	20 Minutes	
Cooling Time	650 to 100°C	
	35 Minutes	
Units	°C/°F Switchable	
Operating Conditions	0 to 50°C, 0 to 90% RH (non-condensing)	
Environmental Conditions	18 to 28°C	
Display	LCD	
Power Supply	230V AC ± 5% / 50Hz, 1800 W	
Insert Diameter	25.3 mm	
Insertion Tube Depth	150 mm	
Instrument Dimension	175 X 305 X 260 (WHD) in mm	
Instrument Weight	10 Kgs.	

MEASUREMENT FACILITIES WITH 650 THi

TYPE	RANGE	ACCURACY
Thermocouple	J	-100 to 660°C
	K	-60 to 660°C
	R	150 to 660°C
	S	170 to 660°C
	N	0 to 660°C
	B	0 to 660°C
	L	-50 to 660°C
T	-50 to 400°C	0.05% of rdg + 2 LSD
RTD Pt 100	0 to 660°C	

Resolution: 4 dgt: 0.1°C for Pt 100 & 0.1/1°C for TC
Types

Standard Delivery

1. Instrument : 1 no.
2. Power Cable : 1 no.
3. Carrying Case : 1 no.
4. Insertion Tube: Multi Hole (1 x 4.5, 1 X 6.5, 1 X 12.5) - 1 no.
5. Insertion Tube : 1 no.
6. Spare Fuses : 6A - 2 nos.
7. User Manual : 1 no.
8. Traceable Calibration Certificate

Optional

1. Insertion Tube: Multi Hole (1 x 8.2, 1 X 6.5, 1 X 4.5) - 1 no.
2. 110 VAC Power Supply
3. Accredited (NABL) Calibration Certificate as per ISO/IEC 17025 Standard

Contact

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ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

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MECHANICAL
ELECTROTECHNICAL**

www.calibrationlab.in