

# Compact Sized Dry Block Temperature Calibrator

## TS Series

*Easy to Carry - Onsite Model*



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



Carrying Bag



### Design

Compact Sized Design (12x20x22.5 cm - WxDxH), Less Weight (5.8 kg / 4.4 kg) Easy to carry to the field for on-site calibration. Very useful tool designed to carry out temperature calibration especially for all the thermal calibration laboratory

### Application

Fast and time saving, reliable true testing and calibration of temperature sensors such as thermocouple, RTD, temperature gauges, switches, transmitters including other most commonly used temperature sensing instruments and devices.

### Features

Dry Block. Better Accuracy. Good Stability. Best Performance. Fast Heating and Cooling. Controlled through PID Controller



Carrying Case (optional)

### TECHNICAL SPECIFICATION

Model	Range at 23 C	Accuracy	Bath Stability	Stabilization Time	Heating Time	Cooling Time
400 TS	30 to 400°C	±0.6°C	±0.1°C	12 Min.	Amb. to 400°C	400 to 100°C
					5 Min.	18 Min.
650 TS	30 to 650°C	±1.0°C	±0.1°C	12 Min.	Amb. to 650°C	650 to 100°C
					12 Min.	28 Min.

Resolution **0.1°C**

Units **°C / °F Switchable**

Display **LED Green & Orange**

Power Supply **230V AC ± 2.5% / 50 Hz, 1.6 KW or 115V AC ± 2.5% / 60 Hz, 1.2 KW**

Radial Uniformity **@50°C ± 0.05°C / @ 50°C ± 0.05°C @650°C ± 0.1°C / @ 400°C ± 0.1°C**

Immersion Diameter **25.4 mm**

Immersion Depth **120 mm**

Dimensions with Bush **120 x 200 x 225 mm (WxDxH)**

Weight (Approx.) **5.8 kg (650 TS); 4.4 kg (400 TS)**

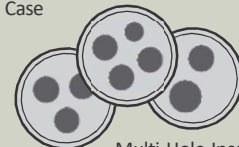
Switch Test **Provided**

### Standard Delivery

1. Instrument: 1 no.
2. Power Cable: 1 no.
3. Carrying Bag: 1 no.
4. Test Lead (2 wire): 1 no.
5. Insertion Tube : Dual Hole - 1 x 1/4" + 1 x 12.5mm  
Dual Hole - 1 x 1/4" + 1 x 8.2mm
6. Insertion Tool: 1 no.
7. Spare Fuses : 8A, 15A - 2 nos. each
8. User Manual: 1 no.
9. Traceable Calibration Certificate

### Optional

- Multi hole insertion tube: Custom built
- Accredited (NABL) Calibration Certificate as per ISO/IEC 17025 Standard
- Carrying Case



Multi-Hole Insertion Tube

Manufacturer of  
**TEST BENCHES**  
**CALIBRATION INSTRUMENTS**

**ISO 9001**  
*Certified Company*

[www.rndinstruments.com](http://www.rndinstruments.com)

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### ACCREDITED CALIBRATION LABORATORY

*As per ISO / IEC 17025*

**THERMAL  
MECHANICAL  
ELECTROTECHNICAL**

[www.calibrationlab.in](http://www.calibrationlab.in)