

R&D Instrument Services



Compact Sized Dry Block Temperature Calibrator

TS Series

Easy to Carry - Onsite Model



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

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



Carrying Case (optional)

TECHNICAL SPECIFICATION

Model	Range at 23°C	Accuracy	Bath Stability	Stabilisation 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**

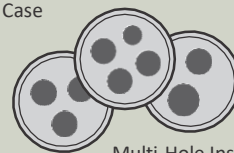


Standard Delivery

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

Contact

5, Natesan Nagar, Alapakkam,
Chennai-600116. Tamilnadu, INDIA.
Tel.: +91-44-4283 9039 / 4284 1119
Mobile Nos.: +91-7358393981 / 7358393984
Email: sales@rndinstruments.com
quote@rndinstruments.com

Manufacturer of
**TEST BENCHES
CALIBRATION INSTRUMENTS**

**ISO 9001
Certified Company**

www.rndinstruments.com

ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

**THERMAL
MECHANICAL
ELECTROTECHNICAL**

www.calibrationlab.in