



Dry Block Temperature Calibrator



1200TSE (i)

WITH MEASUREMENT FACILITIES

Input Types	Range
Thermocouple	J -50 to 1200°C
	K -50 to 1372°C
	R -50 to 1768°C
	S -50 to 1768°C
	N -50 to 1300°C
	B 0 to 1820°C
	L -50 to 900°C
T -50 to 400°C	
RTD	Pt 100 (-200 to 850)

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

Application

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

Features

- Fast Heating and stable dry block calibrator
- Controlled through PID Controller

Technical Specification

Range	: 300°C to 1200°C
Resolution	: 1°C
Accuracy	: $\pm 3^\circ\text{C}$
Units	: °C / °F / °K / Perc (Switchable)
Stability	: $\pm 0.5^\circ\text{C}$
Stabilization time	: 15 mins
Display	: LED
Switch test	: Provided for 1200TSE (i) model
Well Diameter	: 33 mm
Immersion Depth	: 130 mm (80mm deep + 50mm top insulator)
Heating time	: 60 to 75 mins
Cooling Time (to 300°C)	: 120 to 150 mins
Voltage	: 230VAC
Supply Frequency	: 50 Hz
Display	: LED
Insert Options	: Special drilling available on customer requirements
Dimensions (not including handle)	: Height: 305mm Width: 175mm Depth: 260mm
Weight	: 10Kg

Standard Delivery

1. Instrument : 1 no.
2. Power Cable : 1 no.
3. Test Lead (2 wire) : 1 no.
4. Multi Hole Insertion Tube : 2x8 mm + 2x6.5 mm, $\varnothing 33 \times 80$ mm deep (Please consult us for other sizes)
5. Insertion Tool : 1 no.
6. Spare Fuses : 8A- 2 nos.
7. Insulator
8. User Manual : 1 no.
9. Traceable Calibration Certificate

Optional

- Custom Built Insertion Tube
- Accredited (NABL) Calibration Certificate as per ISO/IEC 17025 Standard

Manufacturer of
TEST BENCHES
CALIBRATION INSTRUMENTS

ISO 9001
Certified Company

www.rndinstruments.com

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

ACCREDITED CALIBRATION LABORATORY

As per ISO / IEC 17025

THERMAL
MECHANICAL
ELECTROTECHNICAL

www.calibrationlab.in