

# Dry Block Temperature Calibrator

## T 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
- \* Power Supply for Transmitters
- \* Facility to check Temperature Switch Test



R&D Instrument Services  
NABL Accredited Calibration Laboratory  
(Specialist in Calibration Instruments)

### Specifications for Dry Block Temperature Calibrator – T Series

Model	Range	Accuracy	Stability	Stabilisation Time	Heating Time	Cooling Time
350 T	50 to 350°C	±0.7°C	±0.2°C	15 Min.	50 to 350°C 18 to 20 Min.	350 to 100°C 35 to 40 Min.
650 T	50 to 650°C	±1.3°C	±0.3°C	15 Min.	50 to 650°C 30 to 35 Min.	650 to 100°C 55 to 60 Min.
350 DT	50 to 350°C	±1.0°C	±0.4°C	18 Min.	50 to 350°C 25 to 30 Min.	350 to 100°C 55 to 60 Min.
650 DT	50 to 650°C	±1.6°C	±0.5°C	20 Min.	50 to 650°C 35 to 40 Min.	650 to 100°C 115 to 120 Min.
350 T SPL	50 to 350°C	±0.7°C	±0.2°C	20 Min.	50 to 350°C 30 to 35 Min.	350 to 100°C 55 to 60 Min.
650 T SPL	50 to 650°C	±1.3°C	±0.3°C	20 Min.	50 to 650°C 40 to 45 Min.	650 to 100°C 65 to 70 Min.
Resolution	0.1°C					
Units	°C / °F Switchable					
Switch Test	5V DC Nominal					
Power Supply	230V AC ± 5% / 50Hz, 1.2 KW for 650 models & 500 W for 350 models					
Transmitter Supply	12 to 24V DC					

### Block Dimension

Model	350 T	650 T	350 DT	650 DT	350 T SPL	650 T SPL
Block Diameter	25.4mm	25.4mm	25.4mm	25.4mm	36.0mm	36.0mm
Block Depth	120mm	120mm	190mm	190mm	120mm	120mm
Insertion Tube Depth	110mm	110mm	180mm	180mm	110mm	110mm

### Standard Delivery

1. Instrument : 1 No
2. Power Cable : 1 No
3. Carrying Case : 1 No
4. Test Leads : 1 No
5. Insertion Tube : ¼", ½"
6. Insertion Tool : 1 No
7. User Manual : 1 No
8. Calibration Certificate: Traceable to National / International Standards

### Optional

- \* Insertion Tube of size below ¾" for T, DT Model & below 30mm (Multihole) for T SPL model
- \* 110 VAC Power Supply
- \* NABL Calibration Certificate



5/3A, Poomagal 3<sup>rd</sup> Street, Ambal Nagar,  
Ekkattuthangal, Chennai 600032. Tamilnadu, India.  
Telefax: +91-44-2225 0126. Cell: +91-93827 44155 / 93810 38463.  
email: sales@rndinstruments.com www.rndinstruments.com

The Information given in this document is subject to change due to continuous improvement without notice.  
All Rights Reserved by R&D Instrument Services, Chennai, India.