



# MEASUREMENT AND CONTROL OF TEMPERATURE USING RTD TRANSDUCER MODEL-TR01

This trainer has been designed with a view to provide theoretical and experimental knowledge of Measurement and control of Temperature using RTD transducer on a SINGLE P.C.B.



## SPECIFICATIONS

1. Temperature Source : Electric Kettle.
2. Source Measurement : Glass bead mercury thermometer.
3. Transducer : RTD Probe. (PT100)
4. Measurement Range : 0 to 100°C.
5. Comparison : by Mercury Thermometer
6. Heating process : 10W Heater
7. Excitation Voltage : DC voltage provided.
8. Output Display : 3 and ½ digits Digital Panel meter calibrated in °C.
9. All parts are soldered on SINGLE PCB of size 12"x9" with complete circuit diagram SCREEN PRINTED.
10. Standard Accessories :
  1. A Manual having practical
  2. Patch Cords.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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