



MEASUREMENT OF TEMPERATURE USING RTD TRANSDUCER

MODEL-TR01A

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



SPECIFICATIONS

- | | | |
|---|---|--|
| 1. Power Supply | : | Built in power supply |
| 1. Temperature Source | : | Electric Kettle. |
| 2. Source Measurement | : | Glass bead mercury thermometer. |
| 3. Transducer | : | RTD with digital panel meter |
| 4. Measurement Range | : | 0 to 100°C. |
| 5. Comparison | : | by Mercury Thermometer |
| 6. Heating process | : | 10W Heater |
| 7. output available for control & monitoring, | | |
| 8. Test pins for monitoring at all stages | | |
| 9. Excitation Voltage | : | DC voltage provided. |
| 10. Output Display | : | 3 and ½ digits Digital Panel meter calibrated in °C. |
| 11. All parts are soldered on SINGLE PCB of size 12"x9" with complete circuit diagram SCREEN PRINTED. | | |
| 12. 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.

Sigma Trainers and Kits
E-113, Jai Ambe Nagar,
Near Udgam School,
Thaltej,
AHMEDABAD - 380054.
INDIA.

Phone(O): +91-79-26852427/ 26850829
Phone(F): +91-79-26767512/ 26767648
Fax : +91-79-26840290/ 26840290
Mobile : +91-9824001168
Email : sales@sigmatrainers.com
: sigmatrainers@sify.com
Web : www.sigmatrainers.com

Dealer:-