



# MEASUREMENT OF TEMPERATURE USING THERMOCOUPLE

## MODEL-TRO2A

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



### SPECIFICATIONS

1. Power supply : 230V Ac, 50 Hz.  
Built in power supply
2. Transducer : Thermocouple sensor with digital panel meter
3. Transducer Type : Immersion Type Iron-Constantan probe in sheath with
4. Transducer Range : 0° to 100°C.
5. Comparison : by Mercury Thermometer
6. Mercury thermometer and heater : 10 Watts
7. Output : for Monitoring at all stages
7. Output Display : 3 and ½ digits Digital Panel meter calibrated in °C.
8. Test Points provided to measure voltages and observe waveforms at different point.
9. All parts are soldered on TAGS on SINGLE PCB 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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