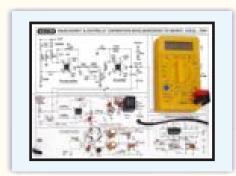


MEASUREMENT & CONTROL OF JEMPERATURE USING SEMICONDUCTOR

MODEL-TRO4

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



SPECIFICATIONS

1. Power supply : 230V Ac, 50 Hz.

2. Transducer : Thermistor sensor Probe.

3. Transducer Type : Immersion Type PN Junction Semiconductor

4. Transducer Range : 0 to 100°C.5. Measurement Range : 0 to 70°C.

6. Control System : On/off type. Temp. set by pot over full range.

Heating Process
1000 W Heater provided in closed box.
Controls
1. Temp. set control - 20 turn preset.

2. Present Temp. display control.

9. Output Display : 3 and ½ digits Digital Panel meter calibrated in C.

10. All parts are soldered on SINGLE PCB with complete circuit diagram Screen-printed.

11. 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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