



MEASUREMENT & CONTROL OF TEMPERATURE USING SEMICONDUCTOR

MODEL-TR04

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. |
| 7. Heating Process | : | 1000 W Heater provided in closed box. |
| 8. 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.

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:-