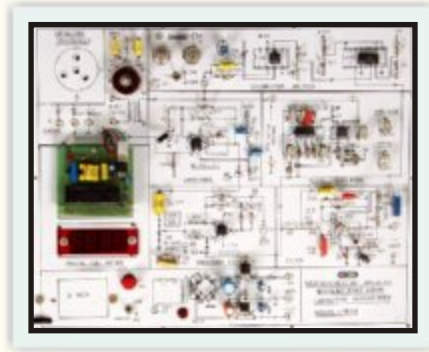




MEASUREMENT OF ANGULAR DISPLACEMENT USING POTENTIOMETER

MODEL-TR10

This trainer has been designed with a view to provide theoretical and experimental knowledge of Measurement of Angular Displacement using Potentiometer on a SINGLE P.C.B.



FEATURES

1. The complete circuit of Potentiometric displacement measurement is printed on single PCB.
2. Study of characteristics of Potentiometric transducer.
3. Complete Circuit is screen printed on the PCB.
4. All parts are soldered on single pin tag for easy replacement.
5. Typical ICs are provided on sockets to provide a facility to check similar other ICs.
6. Explanation, Observation, Alignment and adjustment of Internal and External controls is possible at a glance due to single PCB.
7. Easy identification of different parts of Potentiometric transducer at a glance.
8. Easy measurement of Voltages and Observation of waveforms at any point. Also typical voltages and waveforms are provided.
9. A manual having Practical details is provided with the trainer.
10. The whole circuit of Potentiometric transducer displacement measurement is explained section wise in detail in the manual.

SPECIFICATIONS

- | | | |
|---|---|--|
| 1. Power supply | : | 230V Ac, 50 Hz. |
| 2. Transducer | : | Resistive. |
| 3. Range | : | 0 to 270 degree. |
| 4. Moving action | : | Angular movement by rotating shaft of Potentiometric |
| 5. Excitation Voltage | : | 5 V DC. |
| 6. Maximum capacity | : | 110% of rated capacity. |
| 7. Output Display | : | 3 and ½ digits Digital Panel meter calibrated in degree. |
| 8. All parts are soldered on TAGS on SINGLE PCB with complete circuit diagram SCREEN PRINTED. | | |
| 9. 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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