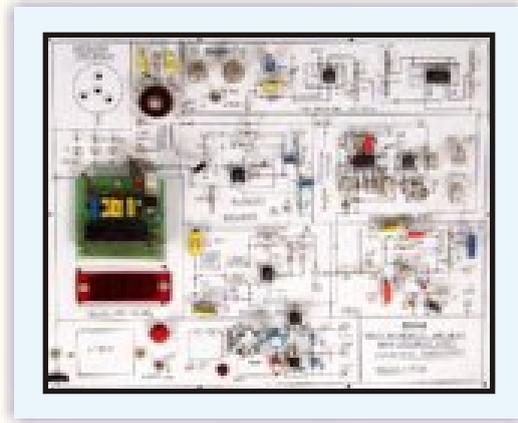




MEASUREMENT OF ANGULAR DISPLACEMENT USING CAPACITIVE TRANSDUCER

MODEL-TR09

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



SPECIFICATIONS

- | | | | |
|-----|-----------------------------------------------------------------------------------------------------|---|-------------------------------------------------|
| 1. | Input | : | Gang with a dial mounted on its shaft |
| 2. | Transducer | : | Capacitance Angular sensor |
| 3. | Displacement Range | : | 0 to 90° |
| 4. | Excitation | : | 2V, 5Khz (approx.) sine wave |
| 5. | Display | : | 3-1/2 digit Red Seven Segment Display |
| 6. | Transducer balance | : | R & C balance |
| 7. | CAL ADJ. | : | Through single turn potentiometer |
| 8. | Power source | : | 230V +10%, 50Hz |
| 9. | All parts are soldered on single PCB of size 15"x12" 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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Dealer:-