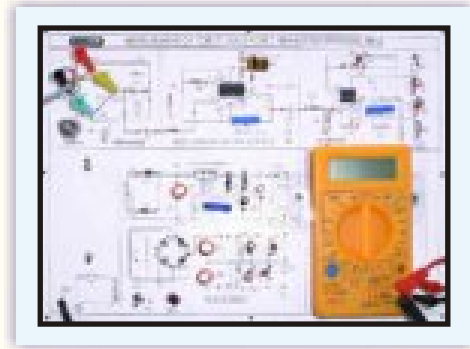




MEASUREMENT OF FORCE USING FORCE TRANSDUCER

MODEL-TR14

This trainer has been designed with a view to provide theoretical and experimental knowledge of Measurement of Force using Force transducer on a SINGLE PCB.



SPECIFICATIONS

- | | | |
|--|---|--|
| 1. Power supply | : | 230V Ac, 50 Hz. |
| 2. Transducer | : | Strain gauge Force transducer. |
| 3. Transducer Input | : | By placing Weights on the table. |
| 4. Range | : | 10 Kg weights. |
| 5. Moving action | : | Spring loaded core type axial. |
| 6. Circuit configuration | : | Fully active full bridge. 4 gauges. |
| 7. Excitation Voltage | : | Sine 2 to 5 KHz, 0-3 V. |
| 8. Maximum capacity | : | 110% of rated capacity. |
| 9. Controls | : | Zero adjustment by 10 turn potentiometer. |
| 10. Display | : | 3 and ½ digits Digital Panel meter calibrated in Newton. |
| 11. All parts must be soldered on TAGS on SINGLE PCB with complete circuit diagram SCREEN PRINTED. | | |
| 12. 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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