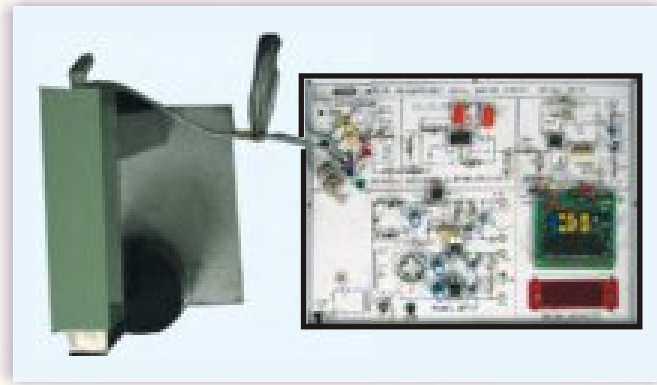




# MEASUREMENT OF STRAIN USING STRAIN GAUGE TRAINER

MODEL-TR11

This trainer has been designed with a view to provide practical and experimental knowledge of measurement of load using strain gauge with load cell on a single PCB.



## SPECIFICATIONS

- |  |   |  |
|--|---|--|
| 1. Power supply  | : | 230V Ac, 50 Hz.                                      |
| 2. Built in Power supply.  |   |  |
| 3. Transducer  | : | Strain gauge with load cell.                         |
| 4. Transducer type   | : | Cu-Ni alloy .  |
| 5. Transducer compensation   | : | Temperature compensated.                             |
| 6. Strain gauge Resistance   | : | 360 + 10 ohms.                                       |
| 7. Range   | : | 20 Kgs.  |
| 9. Circuit configuration   | : | Fully active full bridge.                            |
| 10. Excitation   | : | D.C. supply provided.                                |
| 11. Strain Input   | : | Different loads.                                     |
| 12. Maximum capacity   | : | 110% of rated capacity.                              |
| 13. Display  | : | 3 and ½ digits Digital Panel meter calibrated in Kg. |
| 14. All parts are soldered on SINGLE PCB of size 12"x 9" with complete circuit diagram screen-printed. |   |  |
| 15. Standard Accessories   | : | 1. A Manual having practical<br>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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