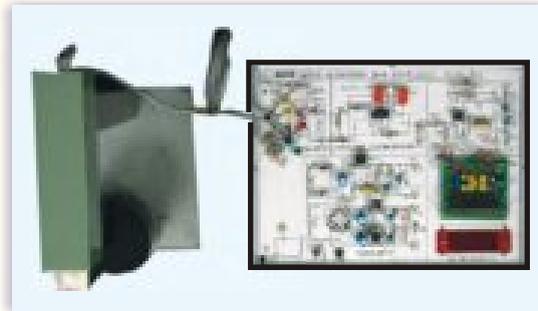




MEASUREMENT OF LOAD USING STRAIN GAUGE WITH LOAD CELL

MODEL-TR13

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.
Built in Power supply.
2. Transducer : Strain gauge with load cell.
3. Transducer type : Cu-Ni alloy with special grade polyamide film backing material.
4. Transducer compensation : Temperature compensated.
5. Strain gauge Resistance : 360 + 10 ohms.
6. Strain gauge Dimension : 6 mm length x 2.4 mm width with base 12.5mm x 4.3 mm and gauge factor 2.1 approx.
7. Range : 10 Kgs.
8. Circuit configuration : Fully active full bridge.
9. Excitation : D.C. supply provided.
10. Strain Input : Different loads.
11. Maximum capacity : 120% of rated capacity.
12. Display : 3 and ½ digits Digital Panel meter calibrated in Kg.
13. All parts are soldered on TAGS on SINGLE PCB with complete circuit diagram Screen printed.
14. Standard Accessories :
 1. A Manual having practicals.
 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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