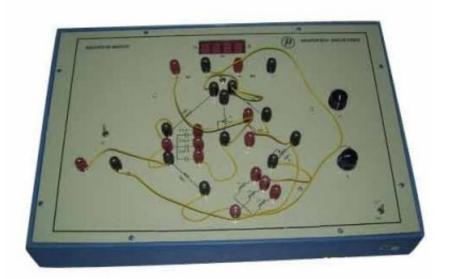
Product Name:

Anderson Bridge

Product Code:

EEN0014



Description:

Anderson Bridge

Technical Specification:

Anderson Bridge

Experimental training board has been designed specifically for the measurement of inductance of a coil by Anderson Bridge. It includes audio amplifier with speaker for null detection (Instead of head phone)

| and one KHz sine wave oscillator instead of externally used decade audio frequency generator The board is absolutely self contained and requires no other apparatus. |
|--|
| Practical experience on these boards carries great educative value for Science and Engineering Students. |
| Object: |
| To measure the inductance of a given Coil by Anderson Bridge method. |
| Features: |
| The board consists of the following built-in parts : |
| 01. Anderson Bridge circuit with arms values |
| 02. Potentiometer for varying one arm |
| 03. Three different value inductances |
| 04. Potentiometer with calibrated dial |
| 05. Five capacitors selected by a band switch |
| 06. Auio Amplifier with its IC regulated Power Supply |
| 07. One KHz Sine Wave Oscillator with its IC regulated Power Supply |
| 08. Speaker. |
| 09. Mains ON/OFF switch, Fuse and Jewel light. |
| • The unit is operative on 230V ±10% at 50Hz A.C. Mains |
| Adequate no. of patch cords stackable from rear both ends 4/2mm spring loaded plug length ½ metre. |
| Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ |

observation of waveforms

- Strongly supported by detailed Operating Instructions, giving details of Object,
- Theory, Design procedures, Report Suggestions and Book References

• Weight: 3 Kg. (Approx.)

• Dimension : W 340 x H 110 x D 210

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