



OMEGA TYPE ETB-230 The experimental set up has been designed specially for the study of To Measure the Value of Unknown Self Inductance.

Practical Experience on these boards carries great educative value for Science and Engineering students.

OBJECT

01 To find the value of unknown inductance and its reactance with the help of owen's bridge.

FEATURE

The board consists of the following built in parts :

- 01 Owen's Bridge circuit with arm values
- 02 $\pm 15V$ DC at 100 mA, IC Regulated Power Supply internally connected.
- 03 1 Khz Sine wave oscillator Output 0 - 15 Vpp.
- 04 Audio Amplifier and Speaker for Null detection.
- 05 Three Unknown Value of Inductor Selectable by a band Switch.
- 06 Potentiometer 1K - 10 turn for Selecting desired Resistance Value.
- 07 Potentiometer for balancing the bridge.
- 08 Adequate no. of electronic components.
- 09 Mains ON/OFF switch, Fuse & Jewel light.
- 10 The unit is operative on $230V \pm 10\%$ at 50Hz AC Mains.
- 11 Adequate no. of patch cords stackable 4mm spring loaded plug length 50cm.
- 12 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 13 Strongly supported by detailed Operating Instructions, giving details of Object Theory, Design procedures, Report Suggestions and Book References.
- 14 Weight : 2.600 Kg. (Approx.)
- 15 Dimension : W 340 x H 125 x D 210

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS

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