NAUGRA®

Product name:	Product code:
Anderson Bridge	EEN0014



Description

Anderson Bridge

Technical specification

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

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.

NAUGRA®
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Email us at: export@civilmechanicalindia.com

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