36366 Experimental Training Board has been designed specifically for the study of De-Sauty Bridge. Using this bridge the value of unknown capacitor can be found.
The board is absolutely self contained and requires no other apparatus.
Practical experience on this board carries great educative value for Science and Engineering Students.

Object

1. To Study of common emitter (CE) single stage transistor amplifier circuit and to measure its voltage gain (A). v
2. To study the working of a De Sauty Bridge and to compare the capacitance of two capacitors.

Features

The board consists of the following built-in parts:

1. ±12V D.C. at 100mA, IC regulated Power Supply internally connected.
2. Sine Wave Oscillator with Audio Amplifier Frequency 1KHz ±3% output 0 - 2V
3. 3½ Digit ditial null detector as a detection.
4. Two Decade Capacitors, each with single dial in steps of 0.1uF total 1uF, to form the other two arms of the bridge.
5. One Decade dial 100 Ohm total 1K, marked R1 & R2
6. Mains ON/OFF switch, Fuse and Jewel light.
7. The unit is operative on 230VAC ±10% at 50Hz.
8. Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
9. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of wave forms.
10. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
11. Weight : 1.600 Kg. (Approx.)
12. Dimension : W 340 x H 125 x D 210

List of Accessories:

1. Patch cords 4mm length 50cm Red.........01.
2. Patch cords 4mm length 50cm black.......05.

Note: Specifications are subject to change.