

**DE-SAUTY BRIDGE  
(WITH OSCILLATOR AND DETECTOR)**

OMEGA TYPE ETB-269



**OMEGA TYPE ETB-269** 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**

01 To measure value of unknown capacitance .

**FEATURES**

The board consists of the following built-in parts:

- 01  $\pm 12V$  D.C. at 100mA, IC regulated Power Supply internally connected.
- 02 Sine Wave Oscillator with Audio Amplifier Frequency 1KHz  $\pm 3\%$  output 0 - 2V
- 03  $3\frac{1}{2}$  Digit digital null detector as a detection.
- 04 Two set of two Decade dial 10 Ohm & 100 Ohm, marked R1 & R2 total 1100 Ohms .

- 05 on board one decade dial x (0.1uF) C1.
- 06 Four unknown capacitors (0.1uF - 0.47uF) are mounted behind the front panel.
- 07 Mains ON/OFF switch, Fuse and Jewel light.
- 08 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 09 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of wave forms.
- 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

12 Weight : 1.600 Kg. (Approx.)

13 Dimension : W 340 x H 125 x D 210

**LIST OF ACCESSORIES:**

- 01 Patch cords 4mm length 50cm Red.....01.
- 02 Patch cords 4mm length 50cm black.....05.

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

**OMEGA ELECTRONICS**

**Works:**  
28E & F, Malviya Industrial Area,  
Jaipur-302 017 (INDIA)  
Phone: 0141-2751559

E-mail : info@omegaelectronics.net  
: omegajaipur62@gmail.com

[www.omegaelectronics.net](http://www.omegaelectronics.net)

**Marketing Division:**  
B-28, Fateh Singh Scheme, Opp. Rajputana  
Palace Sheraton, Jaipur-302006 (INDIA)  
Phone : 091-141-2375647, 2379223