



OMEGA TYPE ETB-30 Experimental Training Board has been designed specifically for study of Series and Parallel Resonance in LCR Circuits, measurement of Q and dielectric constant of a liquid.

OBJECT

To study the following :

- 01 Series resonance for different values of resistance, capacitances, inductances and plotting of resonance curves.
- 02 Parallel resonance for different values of resistance, capacitances, inductances and plotting of resonance curves.
- 03 Measurement of Q for both series and parallel resonances.
- 04 Measurement of dielectric constant relative permittivity of a liquid.

FEATURES

The board consists of the following built-in parts :

- 01 Three inductances made on ferrite cores, selectable by a switch.
- 02 Three capacitances with low loss factor, selectable by a switch.
- 03 Three resistance, selectable by a switch.
- 04 Parallel plate condenser.

05 Adequate no. of patch cords stack able from rear both ends 4/ 2mm spring loaded plug length 50cm.

06 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.

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

08 Practical experience on these boards carries great educative value for Science and Engineering Students.

09 Weight : 1.700 Kg. (Approx.)

10 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

- 01 AF Generator OMEGA TYPE AO-300
- 02 A.C. Millivoltmeter OMEGA TYPE ACV-25
- 03 A.F. Milliammeter OMEGA TYPE AF-205 MC

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

OMEGA ELECTRONICS