



- OMEGA TYPE ETB-91** Experimental Training Board has been designed specifically for the study of Hybrid Parameters of a transistor and to derive Z and Y parameters from the hybrid-parameter results. Practical experience on this board carries great educative value for Science and Engineering Students.
- OBJECT**
- 01 To measure the hybrid-parameters i.e.  $h_{11}$ ,  $h_{12}$ ,  $h_{21}$  &  $h_{22}$  of a transistor, at 1 KHz and at different collector current values.
- 02 To derive Z and Y parameters from the hybrid parameter results.
- FEATURES**
- The board consists of the following built in parts:
- 01 0-2V5 D.C. at 100 mA, continuously variable Power Supply.
- 02 0-9V D.C. at 100mA, continuously variable Power Supply.
- 03 Digital Current meter DC 3½ Digit Having range 0-20mA
- 04 1 KHz Sine Wave source with variable output level 0 - 1V.
- 05 PNP Germanium transistor
- 06 Adequate no. of other Electronic Components.
- 07 Mains ON/OFF switch, Fuse and Jewel light.
- 08 The unit is operative on 230V ±10% at 50Hz AC.
- 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 waveforms.
- 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 12 Weight : 3.400 Kg. (Approx.)
- 13 Dimension : W 340 x H125 x D 210
- OTHER APPARATUS REQUIRED:**
- 01 V.T.V.M. OMEGA TYPE VTV-10

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

**OMEGA ELECTRONICS**