



**OMEGA TYPE ETB-225** has been designed specifically for study current series, current shunt, voltage series and voltage shunt Feed Back Amplifier using Transistors.

Practical experience on this board carries great educative value for Science and Engineering Students.

### OBJECT

To Design, setup and study the following Feed back Amplifiers.

- 01 Current series Feed Back Amplifier.
- 02 Voltage series Feed Back Amplifier.
- 03 Voltage shunt Feed Back Amplifier.
- 04 Current shunt Feed Back Amplifier.

### FEATURE

The board consists of the following built-in parts :

- 01 12V DC at 100 mA, IC Regulated Power Supply.
- 02 Four independent Transistors Feed Back Amplifiers.
- 03 Four push switches to select feed back.
- 04 Six NPN transistors.
- 05 Adequate no. of Electronic Components.
- 06 Mains ON/OFF switch, Fuse & Jewel light.
- 07 The unit is operative on 230V  $\pm$  10% at 50Hz AC Mains.
- 08 Adequate no. of patch cords shakable 4mm spring loaded plug length 50cm.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 11 Weight : 1.900 Kg. (Approx.)
- 12 Dimension : W 340 x H 125 x D 210

### OTHER APPARATUS REQUIRED:

- 01 Audio Frequency Generator OMEGA Type AO-303.
- 02 Dual trace CRO 20MHz OMEGA TYPE CRO-20.

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

**OMEGA ELECTRONICS**