



**OMEGA TYPE DB-3** Dynamic Demonstration Board has been specifically designed to display the transfer characteristics of NPN/PNP transistor on a C.R.O. The board has an excellent educational use as it permits the students to see the transistor in action.

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

#### OBJECT

01 To display the transfer characteristics of NPN/PNP transistor on C.R.O.

#### FEATURES

The board consists of the following built-in parts :

- 01 8V DC. at 100mA, Power Supply internally connected, to be used as collector supply.
- 02 1.5V DC supply used as base supply
- 03 Digital Microammeter 3½ digit Rang 0-200mA.
- 04 Potentiometer for controlling base current to transistor.
- 05 Slide switch for NPN/PNP selection.
- 06 Mains ON/OFF switch, Fuse and Jewel light.
- 07 The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains.
- 08 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 10 Weight : 3 Kg. (Approx.)
- 11 Dimension : W 340 x H 125 x D 210

#### OTHER APPARATUS REQUIRED:

- 01 Dual trace CRO 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

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