



**OMEGA TYPE DB-2** Dynamic Demonstration Board has been designed specifically for the Demonstration of Hysteresis Curve. Without the aid of modern techniques, the display of Hysteresis loop can be a long and tedious demonstration and, in the past, the college laboratories have found it difficult to carry out such an experiment. Now the display of B-H loop has comparatively become a simple matter with OMEGA TYPE DB-2 Hysteresis Curve Demonstrator.

The unit is absolutely self contained with built in Power Supply and requires no accessories other than a Cathode Ray oscilloscope. Practical experience on this board carries great educative value for Science and Engineering Students.

### OBJECT

To demonstrate hysteresis curve.

### FEATURES

The board consists of the following built-in parts :

- 01 6V, 10V, 20V, 40V and 80V A.C., out of which any voltage can be selected with the help of selector switch depending on the gain available, at the horizontal circuit of the oscilloscope used for the display.
- 02 Set of coils.
- 03 E & I type laminations.
- 04 The unit is operative on 230V  $\pm 10\%$  at 50Hz A.C. Mains.
- 05 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 07 Weight : 3 Kg. (Approx.)
- 08 Dimension : W340 x H125 x D210.

### 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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