



OMEGA TYPE PET-422 Power Electronic Training Board has been designed specifically for study of single phase PWM converter.

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

OBJECT

To Study Single Phase PWM Converter.

FEATURES

The board consists of the following built-in parts :

- 01 6V A.C. at 100mAAC Power Supply.
- 02 30V A.C. at 100mAAC Power Supply.
- 03 $\pm 12V$ D.C. at 100mA fixed regulated Power Supply.
- 04 Timer.
- 05 Op-Amp.
- 06 Hex inverter gate.
- 07 Quad Ex-OR gate.
- 08 Two NPN Transistor.
- 09 One NPN Power Transistor.
- 10 Uni junction transistor (UJT).
- 11 Three Potentiometers.

- 12 Load.
- 13 Adequate no. of other Electronic Components.
- 14 Mains ON/OFF switch, Fuse and Jewel light.
- 15 The unit is operative on $230V \pm 10\%$ at 50Hz A.C. Mains.
- 16 Adequate no. of patch cords stackable 4 mm spring loaded plug length 50cm.
- 17 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 18 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

19 Weight : 4 Kg. (Approx.)

20 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED :

- 01 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