



**OMEGA TYPE PET-441** Power Electronic Training Board has been designed specifically for the study of three phase full wave rectifier.

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

#### OBJECT

01 To study three phase full wave rectifier.

#### FEATURES

The board consists of the following built-in parts:

- 01 Three phase transformer.
- 02 Digital Panel meter  $3\frac{1}{2}$  digits range 200V to measure the DC output voltage.
- 03 Digital Panel meter  $3\frac{1}{2}$  digits range 200mA to measure the DC load current.
- 04 3 pole power contactor with AC coil complete with push to ON switch.
- 05 Four pole Miniature Circuit Breaker (MCB).
- 06 Three different colour neon indicator provided for indication .

07 Resistive load 1K2, 20 Watt.

08 Six rectifier diodes.

09 Six SPST switches.

10 Three phase 415V at 50Hz, 20Amp. socket.

11 The unit is operative on  $3\phi$  415VAC at 50Hz.

12 Adequate no. of patch cords stackable 4 mm spring loaded plug length 50cm.

13 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections observation of wave forms.

14 Weight : 7.300 Kg. (Approx.)

15 Dimension : W415 x H 165 x D 315.

#### OTHER APPARATUS REQUIRED

- 01 Dual trace CRO 20MHz OMEGA TYPE CRO-20
- 02 Isolation transformer 50W for unearthing the oscilloscope, OMEGA TYPE TXF-03.

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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