



OMEGA TYPE ETB-185 Experimental Training Board has been designed specifically for the study of Switching Mode Power Supply (SMPS) for computer. Now a days Switching Mode Power Supplies are extensively used in various electronic instruments and computers. Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

- 01 To study the different sections of SMPS.
- 02 To locate typical components and Input/Output signals.
- 03 To measure the voltages at test points and Input/Output signals.
- 04 To study the circuit in detail.
- 05 To create faults by removing components and observe their effect.

SPECIFICATIONS

- 01 Based on IC 494 as PWM.
- 02 Input Voltage : 170V to 260VAC. 50Hz.
- 03 Output Voltage : +5V, -3V3, +12V, -12V, Power good signal voltage/as required in computers.
- 04 Wattage (I/P) : 350 Watt (approx.)
- 05 Test Point : 44

FEATURES

- 01 IC 494 used as PWM on socket.
- 02 Six pairs of Output Lead are provided.
- 03 Trainer assembled on enlarged PCB.
- 04 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 05 Weight : 5 Kg. (Approx.)
- 06 Dimension : W 415 x H 165 x D 315

OTHER APPARATUS REQUIRED

- 01 Digital Multimeter 3½ digits OMEGA TYPE DMM-201
- 02 Dual trace CRO 20MHz OMEGA TYPE CRO-20
- 03 Single Phase Variac Input 0-230V Output 0-270V at 8Amp

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

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