



POWER ELECTRONICS TRAINER

MODEL - PEDM100

This trainer has been designed with a view to provide practical and experimental knowledge of Power Electronics characteristics.



SPECIFICATIONS

1. Power supply requirement : 230V AC, 50 Hz.
2. Built in Regulated Power supply : 0-10V DC/100 mA continuously variable.
0-40V DC/100 mA continuously variable.
3. Following parts provided on Single PCB with connecting terminals.
MOSFET - 2N7000
IGBT - IRG4PC40W
Diac
Triac - BT136
UJT - 2N 2647
SCR - BT 151
4. Accessories : 1. Manual
2. Patch cords.

EXPERIMENTS

1. To verify Characteristics of MOSFET.
2. To verify Characteristics of IGBT.
3. To verify Characteristics of Diac.
4. To verify Characteristics of Triac.
5. To verify Characteristics of UJT.
6. To verify Characteristics of SCR.

In keeping view of SIGMA policy of continuous development and improvement, the Specifications may be changed without prior notice or obligation.

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