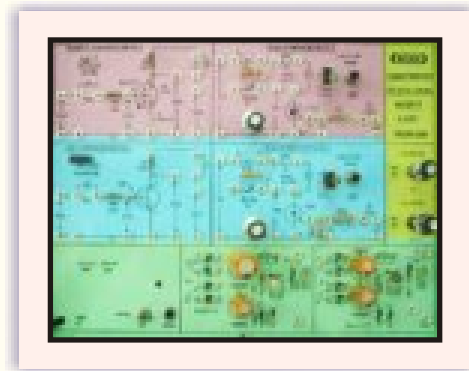




# POWER ELECTRONICS TRAINER

MODEL - PEDM100AS

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.

**Sigma Trainers and Kits**  
E-113, Jai Ambe Nagar,  
Near Udgam School,  
Thaltej,  
**AHMEDABAD - 380054.**  
**INDIA.**

**Phone(O): +91-79-26852427/ 26850829**  
**Phone(F): +91-79-26767512/ 26767648**  
**Fax : +91-79-26840290/ 26840290**  
**Mobile : +91-9824001168**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**