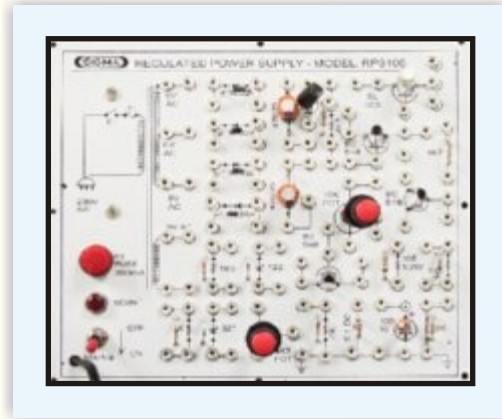




# POWER SUPPLY TRAINER

MODEL- PSDM100

This trainer has been designed with a view to provide practical and Experimental knowledge of constructing Different types of power supplies on a SINGLE P.C.B of size 18 "x 15".



## SPECIFICATIONS

- (1) Following components are provided on P.C.B. on tags:
1. Rectifying Diodes -1A : 4 Nos.
  2. Rectifying Diodes -3A : 4 Nos.
  3. Switching Diodes -1A : 4 Nos.
  4. Zener Diodes : 3 Nos.
  5. Small signal Transistors : 4 Nos.
  6. Medium Power Transistors : 4 Nos.
  7. High Power Transistors : 4 Nos.
  8. SCR : 1 Nos.
  9. 1/2 Watts Resistors : 32 Nos. (different values).
    - 1 0. Wire wound Resistors : 08 Nos. (different values).
    - 1 1. Potentiometers : 3 Nos.
    - 1 2. Capacitors : 16 Nos. (different values).
    - 1 3. IC 723 : 2 Nos.
    - 1 4. IC 7805 : 1 Nos.
    - 1 5. IC 741 : 1 Nos.
- (2) Built-in Meters:
1. Voltmeter : 0 to 30 V DC.
  2. Voltmeter : 0 to 30 V AC.
  3. Ammeter : 0 to 2 A. DC.
  4. Ammeter : 0 to 2 A. AC.
- (3) Built-in A.C. Supply
1. 0-12 AC, 1A, 2. 0-18 AC, 2A 3. 15-0-15, 1A
  4. 0-1.5-3.0-4.5-6.0-7.5-9.0-12-15-18 V AC, 500mA.
- (4) Bread Board:  
640 Tie point and 1 Distribution strip Breadboard provided - 175mm long accepting 0.56 mm dia (24 SWG) ordinary wires for bread boarding ckts. Slot marking provided. The conducting strip is of SnCu.
- (5) Standard Accessories:
1. A Instructional Manual. - 1 No.
  2. Connecting wires - 20 Nos.

**Sigma Trainers**  
**E-103, Jai Ambe Nagar,**  
**Near Udgam School, Thaltej,**  
**AHMEDABAD - 380054.**

**Phone : 079-26852427 / 26767512**  
**Fax : 079-26840290 / 26759661**  
**ISDN : 079-26859162 / 26853758**  
**Email : sales@sigmatrainers.com**  
**: sigmatrainers@sify.com**  
**Web : www.sigmatrainers.com**

**Dealer:-**