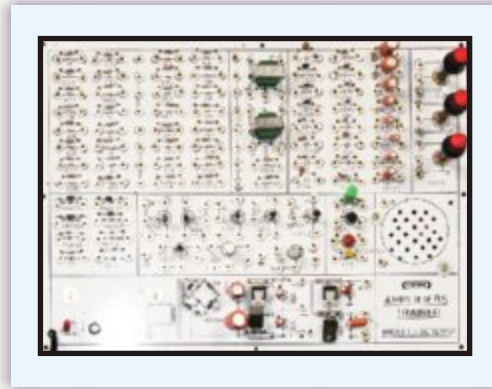




SEMICONDUCTOR DEVICES CHARACTERISTICS TRAINER MODEL - SEMDM100

This trainer has been designed with a view to study characteristics of different semiconductor devices.



SPECIFICATIONS

- (1) Following components are provided on P.C.B. on tags:
1. Germanium Diode - OA79 : 2 No.
 2. Rectifier Diode - 1n4002 : 4 No.
 3. Signal Diode - 1N4148 : 2 No.
 4. Zener Diode : 1 No.
 5. Varicap Diode : 1 No.
 6. Transistor - PNP : 1 No.
 7. Transistor - NPN : 1 No.
 8. Medium Power Transistor- NPN : 1 No.
 9. High Power Transistor - NPN : 1 No.
 10. FET : 1 No.
 11. MOSFET : 1 No.
 12. UJT : 1 No.
 13. Diac : 1 No.
 14. Traic : 1 No.
 15. SCR : 1 No.
 16. Thermistor - NTC : 1 NO.
 17. Thermistor - PTC : 1 NO.
 18. VDR : 1 No.
 19. LDR : 1 No.
 20. LED : 1 No.
 21. Photo Transistor : 1 No.
 22. Opto Coupler : 1 NO.
 23. 1/2 Watts Resistors : 16 Nos. (different values).
 24. Potentiometers : 2 Nos.
 25. Capacitors : 16 Nos.
 26. Oscillator Coils (Inductors) : 2 Nos.

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

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:-

- (2) Built-in Meters:
1. Digital Multi meters : 3 and 1/2 digits- 2 No.
- (3) Built-in signal source:
1. Sine wave Generator : 20Hz to 20 Khz in 3 range - 0 to 10 Vpp.
2. Pulse Generator : 10KHz to 1MHz in 2 range - TTL - Variable Pulse width
3. Audio Generator : 300Hz to 3.4 KHz - 0 to 5 Vpp.
- (4) All parts are soldered on single PCB of size 18" x 15" with complete circuit diagram Screen-printed.
- (5) Standard Accessories : A Training Manual
Connecting Patch cords.