

Product Code:

AL-E135

CATALOGUE

#118, Karanpuri, Behind B.D.Floor, Ambala Cantt, Haryana (India),

COMPONENT DEVELOPMENT SYSTEM TRAINER

Following Experiment can be easily performed on the trainer. Use external multimeter to read current and voltages.

- Transistor as switch.
- Led characteristics
- Diode characteristics
- SCR characteristics
- TRIAC Characteristics
- DIAC Characteristics
- UJT Characteristics
- FET Characteristics
- MOSFET Characteristics
- PUT Characteristics
- IGBT Characteristics
- LDR Characteristics
- Transistor Characteristics
- Opto Coupler Characteristics
- Thermistor Characteristics
- Diode as rectifiers
- Resistances and their color code
- Capacitances and their color code
- Basic experiments in the basic electronics laboratory.
- Basic resistance and capacitances filters
- Triac characteristics

Specification:

Trainer comprises of

Power supplies inside the trainer

- Power supplies on boards 0-15V and 0-30V, 250 mA each Variable
- Fixed DC Regulated power supplies $\pm 15V/250mA$ and $+5V/250mA$.

- Ac power supply 15-0-15V for rectifier applications
- One Bread Board Mounted on the board.
- One Audio Transformer mounted on the board.
- One Vero Board Mounted on the board.
- One 8E,1/4W Speaker in mounted on the board.
- 4 Variable resistors are mounted on the board.

Various components on the trainer set

- 3 Pairs of connected 2mm sockets
- 4 Rectifier diodes
- 1 OA79 germanium diode
- 3 different values of Zener
- N different values resistances
- N different values capacitors
- Inductors 1mh, 10mh
- 1 DIAC DB3
- 1 SCR TYN604
- 1 TRIAC BT136
- 1 MOSFET IRF540
- 1 UJT 2N2646
- 1 JFET BFW11
- SL100 and SK100 pair
- BC547 1nos.
- 1 LDR
- 1 Thermistor
- 2 LED's
- 1 Opto Coupler MCT2E
- 1 Relay 12V

Picture:



Features

1. Trainer operated on 230V, 50 Hz \pm 10%
2. Supplied with instruction manual
3. Supplied with sufficient nos. of patch cords
4. Supplied with Computer Lead
5. Dimensions of the Trainer will be 12"x10" with Plastic Box Highly shock proof.