

Product Code:

AL-E129

CATALOGUE

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

BASIC ELECTRONICS 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 0-50V, 250 mA and 0-30V,250mA Variable
- $\pm 15V/150mA$ and $+5V/150mA$ Fixed Supplies provided on board.

- 4 Nos of Variable resistor provided on the board.
- One 20 Pin Vero board on mounted on the board.
- Ac power supply 15-0-15V for rectifier applications

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 DB33
- 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 Relay 12V
- One Speaker 8E 1/4W
- 1 Audio Transformer

Picture:

