

IPC EDUCATIONAL TRAINERS



BASIC ELECTRONICS TRAINER MODEL: - IPC-102

SPECIFICATION:-

- Fixed DC Output +5Volts 200mAmps.
- Fixed AC +5V through center tap transformer.
- Variable DC output ± 20 Volts 200mAmps. Ripple less than 20mV.
- Digital multimeter.
- Speaker with 0.25 Watts amplifier.
- Two Nos of relays
- BNC type connectors for connecting instruments such as an oscilloscope, function generator, etc.
- Clock Pulse 7Hz to 50Hz.
- Lamp monitors five Nos.
- Variable Resistor 5k, 10k, 100k
- Double size bread board (350mm x 134mm x 8mm)
- Operating voltage 220Volts 50Hz.

This trainer will covers the experiments for ELT-264.

-Diodes

- 1 Rectifier diodes
- 2 Zener Diodes
- 3 Diodes circuits
- 4 Photo diode relays
- 5 Super position & AC resistance

-Amplifiers

- 1 The CE amplifier.
- 2 Class A amplifier.
- 3 The class B push-pull amplifier
- 4 The silicon controlled rectifier.