



Experimental Training Board has been designed specifically for the study of Blocking Oscillator.

Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

01. To observe on a C.R.O. the waveforms at the base and collector of an Astable Blocking Oscillator :
 - (a) Without connecting the diode
 - (b) After connecting the diode
02. To measure the pulse width and the frequency of the pulse-train with various combinations of C and R values.

Features:

The board consists of following built-in parts :

01. +9V D.C. at 100mA, IC regulated Power Supply internally connected.
 02. NPN transistor.
 03. Adequate no. of other electronic components.
 04. Mains ON/OFF switch, Fuse and Jewel light.
- * The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
 - * Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length $\frac{1}{2}$ metre.
 - * Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
 - * Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required:

- * Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.

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