



Experimental Training Board has been designed specifically to study different properties of Unijunction Transistor.

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

Object:

01. To plot V-I characteristics of a given U.J.T. (Unijunction Transistor).
02. To use the given U.J.T. as a Relaxation Oscillator.

Features:

The board consists of the following built-in parts :

01. Two 0-30V DC at 50mA, continuously variable regulated Power Supplies.
 02. Digital Voltmeter DC 3½ Digit having range of 0-200V.
 03. Digital Current meter DC 3½ Digit having range of 0-20mA
 04. Uni-junction Transistor.
 05. Adequate no. of other electronic components.
 06. Mains ON/OFF switch, Fuse and Jewel light.
 07. The unit is operative on 230V ±10% at 50Hz AC Mains.
 08. Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½ meter.
 09. 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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