



Experimental Training Board has been designed specifically for the Comparative study of Bridge Rectifier and Precision Rectifier using OP-AMP ICs 741. This Training Board shows the effect of cut-in voltage of diode on full wave rectification using Bridge Rectifier, Precision Rectifier and their comparison for low voltage signals.

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

Object:

Comparative Study of Bridge Rectifier & Precision Rectifier.

Features:

The board consists of the following built-in parts:

01. 5V p-p and 10V p-p fixed A.C. at 50 Hz.
 02. ± 15 V D.C. at 50mA, IC regulated power supply internally connected.
 03. 0-10V D.C. at 50mA continuously variable power supply.
 04. D.C. Voltmeter, 65mm rectangular dial to read 0-15V.
 05. Three OP-AMP ICs 741.
 06. Adequate no. of Electronic Components.
 07. 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 4 mm 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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