



Experimental Training Board has been designed specifically for the study of R Y B Signal Generator using OP-AMP ICs 741. This Training Board gives a better understanding of the generation of two additional sinusoidal signals from single phase with 120° phase shift using OP-AMPs to obtain virtual R Y B sinusoidal signals.

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

Object:

To study generation 3 phase R Y B low voltage signals from single phase low voltage input.

Features:

The board consists of the following built-in parts:

01. $\pm 15V$ D.C. at 50mA, IC regulated power supply internally connected.
 02. 3V pp, 5V pp and 8V pp fixed A.C. at 50 Hz.
 03. Two OP-AMP ICs 741.
 04. Adequate no. of other Electronic Components.
 05. 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:

- * Dual Trace Cathode Ray Oscilloscope 20MHz.

Note: Specifications are subject to change.

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