



Experimental Training Board has been designed specifically for the study of Null Balancing Techniques of OPAMPS.

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

Object:

Study of Null Balancing Techniques of Operational Amplifiers.

01. INTERNAL OFF SET NULLING
 01. For Inverting OP-AMP Circuit.
 02. For Non-Inverting OP-AMP Circuit.
 03. For Voltage follower Circuit.
02. UNIVERSAL EXTERNAL OFF SET NULLING
 01. Inverting Amplifier, offset voltage applied to the Inverting input.
 02. Inverting Amplifier, offset voltage applied to the Non-Inverting input.
 03. Off setting circuit for low gain non-inverting OP-AMP.
 04. Off setting circuit for high gain non-inverting OP-AMP.
 05. Off setting circuit for voltage follower.
03. OTHER TYPES OF OFF SET ARRANGEMENTS
 01. Zero off setting.
 02. Zero off setting buffer.

Features:

The board consists of the following built-in parts :

01. $\pm 15V$ D.C at 100mA IC Regulated Power Supply internally connected.
 02. Two OP-AMPS.
 03. Linear potentiometer for the construction of offset nulling circuits.
 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 4mm spring loaded plug length $\frac{1}{2}$ meter.
 - * 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:

- * Digital Multimeter $3\frac{1}{2}$ Digit
- * Cathode Ray Oscilloscope 15MHz

Note: Specifications are subject to change.

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