



36306 Instrumentation Amplifier trainer has been designed specifically for the study of differential - input of Instrumentation Amplifier in a closed loop and it differs fundamentally from the standard OP-AMP.

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

Object :

1. Test the performance & characteristics of an Instrumentation Amplifier circuit.

Features

The board consists of the following built-in parts:

1. Two independent Instrumentation Amplifiers in a single Training Board.
2. Programmable - gain Amplifier, with an internal high precision feed back network.
3. It has high common - mode - rejection ratio (CMRR).
4. $\pm 12V$ DC at 100mA IC Regulated Power Supply internally connected.
5. Four nos. of 10 turns preset for adjustment of Offset, and CMMR
6. Adequate no. of other electronic components.
7. Main ON/OFF switch, fuse and LED.
8. The Unit is operative on 230V, $\pm 10\%$ at 50Hz A.C. mains.
9. Adequate no. of patch cords stackable 2mm spring loaded plug length $\frac{1}{2}$ metre.
10. Good quality, reliable terminals/Sockets are provided at appropriate places on panel for connections/observations.
11. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
12. Weight : 2.100 Kg. (Approx.)
13. Dimension : W 340 x H 125 x D 210

Other Apparatus Required :

1. Digital Multimeter
2. Function Generator
3. Dual trace CRO 20MHz

Note: Specifications are subject to change.