36303 Experimental Training Board has been designed specifically for the study of Scaling, Summer and Voltage follower using OP-AMP ICs 741.

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

Object :

1. To study Scaling Amplifier, configured in such a way so that any type of transfer function i.e. Direct or Inverse with D.C. offset (+ve or -ve) can be scaled.
2. To study Summing amplifier or adder.
3. To study Voltage follower or Buffer Amplifier.
   - 3.1 D.C. Voltage follower.
   - 3.2 A.C. Voltage follower

Features

The board consists of the following built-in parts:

1. ± 15V D.C. at 50mA, IC regulated power supply internally connected.
2. Three 0-10V D.C. at 50mA, continuously variable power supplies.
3. Two DPM 3½ digits to read 0-20V.
4. Two OP-AMP ICs 741.
5. Two Potentiometers.
6. Adequate no. of Electronic Components.
7. Mains ON/OFF switch, Fuse and Jewel light.
8. The unit is operative on 230V ±10% at 50Hz A.C. Mains.
9. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
10. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
11. Weight : 3 Kg. (Approx.)
12. Dimension : W 340 x H 125 x D 210

List of Accessories:

1. Patch cords 4mm length 50cm Red.....10.
2. Patch cords 4mm length 50cm Black.....10.

Other Apparatus Required:

1. Digital Multimeter (3¾ digit)
2. AF sine wave generator
3. Dual trace CRO 20MHz

Note: Specifications are subject to change.

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