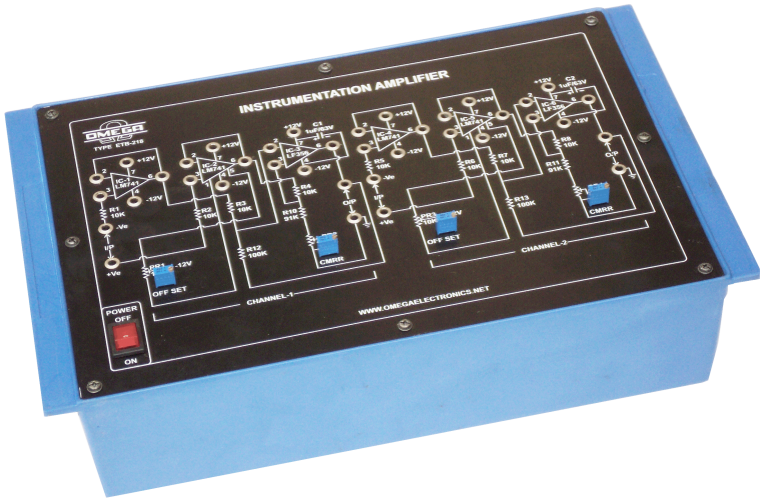
OMEGA®

A SIGN OF QUALITY PRODUCT

INSTRUMENTATION AMPLIFIER

OMEGA TYPE ETB-218



OMEGA TYPE ETB-218 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

Test the performance & characteristics of an Instrumentation Amplifier circuit.

FEATURES

The board consists of the following built in parts :

01 Two independent Instrumentation Amplifiers in a single Training Board.
02 Programmable - gain Amplifier, with an internal high precision feed back network.
03 It has high common - mode - rejection ratio (CMRR).
04 ±12V DC at 100mA IC Regulated Power Supply internally connected.
05 Four nos. of 10 turns preset for adjustment of Offset, and CMMR
06 Adequate no. of other electronic components.
07 Main ON/OFF switch, fuse and LED.
08 The Unit is operative on 230V, ±10% at 50Hz A.C. mains.
09 Adequate no. of patch cords stackable 2mm spring loaded plug length ½ 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:

01 Digital Multimeter OMEGA TYPE DMM-201.
02 Function Generator OMEGA TYPE FG-321.
03 Dual trace CRO 20MHz OMEGA TYPE CRO-20

OMEGA ELECTRONICS

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