OMEGA®

A SIGN OF QUALITY PRODUCT

STUDY OF CRYSTAL DETECTOR
OMEGA TYPE ETB-118

OMEGA TYPE ETB-118 Experimental Training Board has been designed specifically to study the characteristics of a Crystal Detector. The board is absolutely self contained and requires no other apparatus.

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

OBJECT

Study of a Crystal Detector.

01 To study the variation of output current I and applied signal V.

02 To study the effect of load resistance on efficiency of detection.

03 To study the effect of capacitance on efficiency of detection.

FEATURES

The board consists of the following built-in parts :

01 0-9V A.C. at 10mA, continuously variable Power Supply.

02 Digital AC Voltmeter 3½ Digit range 0-20V.

03 Digital DC Ammeter 3½ Digit range 0- 2mA

04 One Crystal Detector.

05 Adequate no. of other electronic components.

06 Mains ON/OFF switch, Fuse and Jewel light.

07 The unit is operative on 230VAC ±10% at 50Hz.

08 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.

09 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 : 1.200 Kg. (Approx.)

12 Dimension : W 340 x H125 x D210.

ACCESSORIES:

01 Patch cords 4mm length 50cm Red.....05.

02 Patch cords 4mm length 50cm Black.....03.

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