

**OMEGA TYPE ETB-213** Experimental Training Board has been designed specifically for the study Frequency to Voltage Conversion. With the help of this training board one can know about different aspect and need for such converter and its characteristics.

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

### **OBJECT**

To verify that the output voltage varies in accordance with the input frequency.

### **FEATURES**

The board consists of the following built-in parts :

01.  $\pm 15V$  D.C. at 100mA IC regulated power supply internally connected.
  02. Frequency to voltage converter IC.
  03. Potentiometer to calibrate the output voltage according to input frequency.
  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  $\frac{1}{2}$  metre.
  - \* 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.
  - \* Weight : 3 Kg. (Approx.)
  - \* Dimension : W 340 x H 110 x D 210

### **OTHER APPARATUS REQUIRED**

- \* Function Generator OMEGA TYPE FG-321.
- \* Digital Multimeter (3 $\frac{3}{4}$  digit) OMEGA TYPE DMM-201
- \* Cathode Ray Oscilloscope 20MHz.

*We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.*

## **OMEGA ELECTRONICS**

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