

## **JLab Instruments**







Product Code . JA-AET-1457

# Training Board for Diode and Zener Diode

### **Description**

#### **Training Board for Diode and Zener Diode**

#### Object:

- To study and plot the forward & reverse bias characteristics of a Germanium semiconductor Diode
- To study and plot the forward & reverse bias (breakdown) characteristics of a Zener Diode

#### Features:

#### The board consists of the following built-in parts:

- Adequate no. of other electronic components
- Mains ON/OFF switch, Fuse and Jewel light
- The unit is operative on 230V ±10% at 50Hz A.C. Mains
- Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½
  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
- 0-10V D.C. at 10mA, continuously variable regulated Power Supply with low ripple & hum and integral current limiting resistor
- Digital Voltmeter DC 3½ Digit Having Dual range of 2V / 20V
- Digital Current meter DC 3½ Digit Having Dual range of 20mA / 20mA
- A Germanium semiconductor Diode mounted behind the panel

A Zener Diode mounted behind the panel

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