

**Product Code . JL-AET-1460**

## Determination of Energy Band Gap in Semiconductor Diode



### Description

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#### Determination of Energy Band Gap in Semiconductor Diode

##### Object:-

- To draw the characteristics of a P-N junction Diode for reverse saturation current and temperature
- To determine the Energy Band Gap in a P-N Junction Diode

##### Features:-

- 2V D.C. at 10mA, regulated Power Supply
- Digital Micro ammeter, 3½ digits having range 200mA D.C.
- Semiconductor Diode
- Thermometer 0-110 °C
- Oven, Electrically heated to heat the Semiconductor Diode
- Mains ON/OFF switch and Fuse
- 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

**Determination of Energy Band Gap in Semiconductor Diode Manufacturer India,  
Determination of Energy Band Gap in Semiconductor Diode Exporters, Electronics  
Determination of Energy Band Gap in Semiconductor Diode, Buy Determination of Energy  
Band Gap in Semiconductor Diode Online India, Educational Equipments for School Lab,**

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**Laboratory Equipment Suppliers, Didactic, Didactic Determination of Energy Band Gap in Semiconductor Diode, Analog Electronics Trainers Equipment Exporters, Scientific Instrument and Equipment Manufacturer.**

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