

<b>Product Name :</b> Diode and Zener Diode Characteristics	<b>Product Code :</b> NLAB-ELECTRONICSAB420035
<b>Description :</b> Diode and Zener Diode Characteristics	
<b>Technical Specification :</b> <p>Experimental Training Board has been designed specifically for plotting the forward and reverse bias characteristics of a Germanium semiconductor Diode, and a Zener Diode. The board is absolutely self contained and requires no other apparatus.</p> <p>Practical experience on this board carries great educative value for Science and Engineering Students.</p> <p>Object:</p> <p>01. To study and plot the forward &amp; reverse bias characteristics of a Germanium semiconductor Diode.</p> <p>02. To study and plot the forward &amp; reverse bias (breakdown) characteristics of a Zener Diode.</p> <p>Features:</p> <p>The board consists of the following built-in parts :</p> <p>01. 0-10V D.C. at 10mA, continuously variable regulated Power Supply with low ripple &amp; hum and integral current limiting resistor.</p> <p>02. Digital Voltmeter DC 3½ Digit Having Dual range of 2V / 20V.</p> <p>03. Digital Current meter DC 3½ Digit Having Dual range of 20mA / 20mA</p> <p>04. A Germanium semiconductor Diode mounted behind the panel.</p>	

05. A Zener Diode mounted behind the panel.

06. Adequate no. of other electronic components.

07. 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.

## Naugralabequipments

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