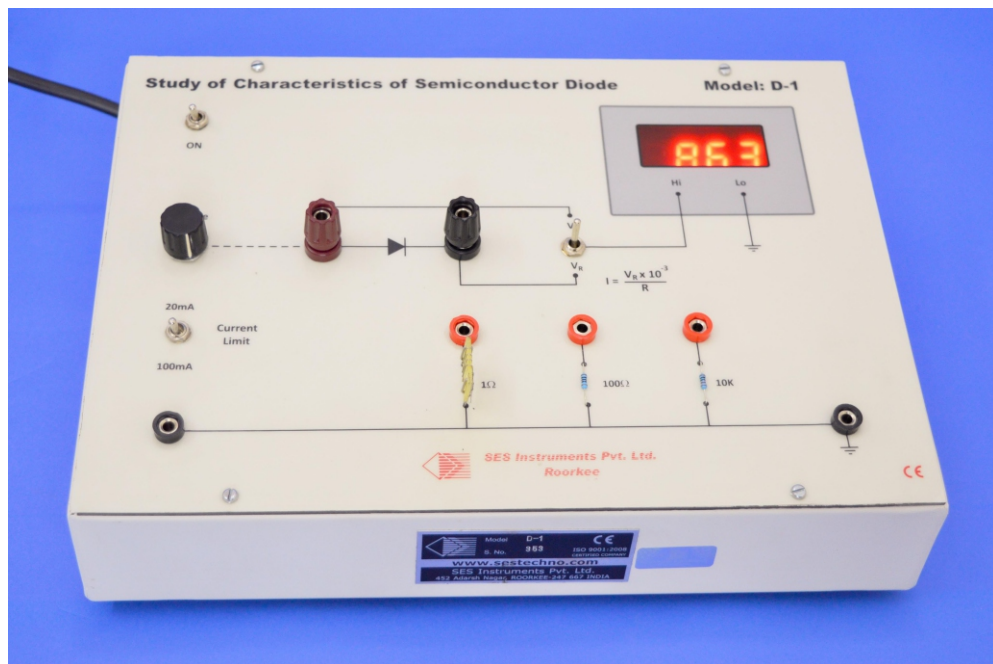


D-1

Characteristics of Semiconductors Diodes



Features

- Forward and reverse characteristics of Ge, Si diodes and LED's
- Study of Zener diode characteristics

The set-up is provided with a booklet which contains its theory of operation, description, suggestions and discussion of the experiments that may be performed with it.

The experimental set-up consists of the following

1. Diodes: Rectifier-4007 (Si), Signal diode-1N34 (Ge), Zener 5.1V and LED
2. 3½ digit DPM which can measure voltage (0-20V)
3. Suitable precision resistances are provided for the measurement of forward current, Reverse current, in the range of 10nA to 200mA
4. IC regulated variable power supply (0-12V)

The experimental set-up is complete in all respect.

