

Product Name :

PN Junction Diode and Zener Diode Characteristics Trainer Analog

Product Code :

NLAB-ELECTRICALAB210010



Description :

PN Junction Diode and Zener Diode Characteristics Trainer Analog

Technical Specification :

SCOPE OF LEARNING:

Study of V-I Characteristics of

PN Junction in Forward Bias.

Zener Diode in Forward Bias.

PN Junction in Reverse Bias.

Zener Diode in Reverse Bias.

TECHNICAL SPECIFICATIONS:

Meters:

Ammeter 15mA/150uA DC.

Voltmeter 3V/30V DC.

Power Supplies:

DC Supply IC Regulated 0-3/30V DC, 150mA.

Operated on Mains power 230V, 50Hz +10%

Components are mounted on the panels are:

Silicon Diode (1N4007)

Germanium Diode (OA79)

Two Different Voltages Zener Diodes.

Voltage Control through Potentiometer.

SALIENT FEATURES:

Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.

Fuse for Short Circuit protection

Instruction manual.

Connections are brought out through 4mm Colored Sockets.

Patch Cords 4mm.

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 10"x8"

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