

Product Name :

Photo Diode, Photo Transistor, Led and LDR Characteristics Apparatus

Product Code :

NLAB-ELECTRICALAB210067

**Description :**

Photo Diode, Photo Transistor, Led and LDR Characteristics Apparatus

Technical Specification :**SCOPE OF LEARNING:**

Study of V-I Characteristics of Photo Transistor

Study of V-I Characteristics of Photo Diode

Study of V-I Characteristics of LDR

Study of V-I Characteristics of Led

TECHNICAL SPECIFICATIONS:

Analog Meters:

Volt meter 6V DC.

Ammeter 10Ma/100uA DC.

Power Supplies:

DC Supply IC Regulated 0-10V DC, 150mA.

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

Components are mounted on the panels are:

Photo Transistor Unit

Photo Diode Unit

LED

LDR Unit

Light Source (100W Bulb)

Voltage Control through Potentiometer.

Wooden Optical Bench With Scale Engraved

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 12"x8"

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