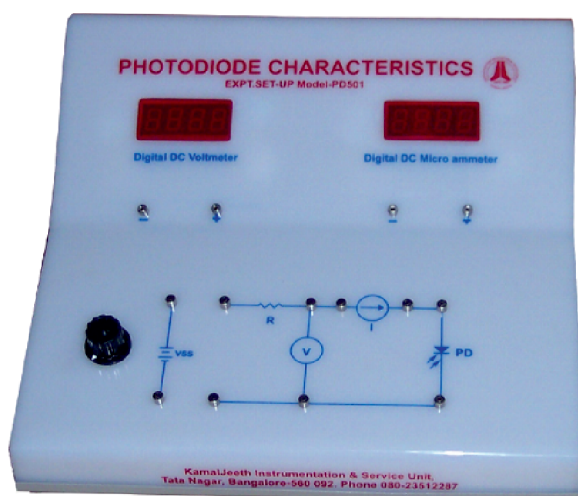


Experiment(s):

1. Determination of Responsivity, Quantum efficiency & I-V characteristics

(For more details, procedure & manual visit: www.kamaljeeth.net)

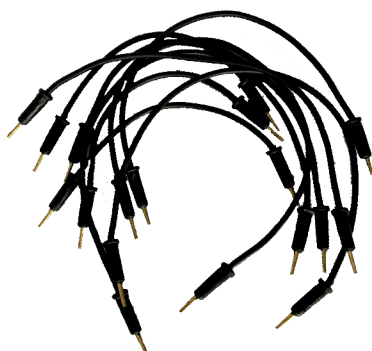
Reference : Lab Experiments Journal vol-10, No.2, Page-111



(a)



(b)



Experiment setup consists:

- a) Photo diode characteristics kit
- b) Illumination Chamber

Specifications:

a) Photo diode characteristics kit:

Power supply: 0 - 3 V (DC) variable & regulated, short circuit protected
 Volt meter: Digital DC 3½ digit
 Range: 20 V
 Resolution: 0.01 V
 Current meter: Digital DC 3½ digit
 Range: 2000 μ A
 Resolution: 1 μ A
 Semi-conductor devices: Photo-diode
 Rated Input: 220 V/50 Hz
 or 110 V/60 Hz
 Power Consumption: <50 W
 Cabinet: Acrylic body, aluminium bottom

b) Illumination chamber:

Independent LED type with variable input power
 Rated Input: 220 V/50 Hz
 or 110 V/60 Hz
 Power consumption: <20W

Connectors:

2mm-2mm brass moulded patch cords



KAMALJEETH INSTRUMENTS

ESTD. 1990

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3 years manufacturing warranty