

Model: PTC-201/120

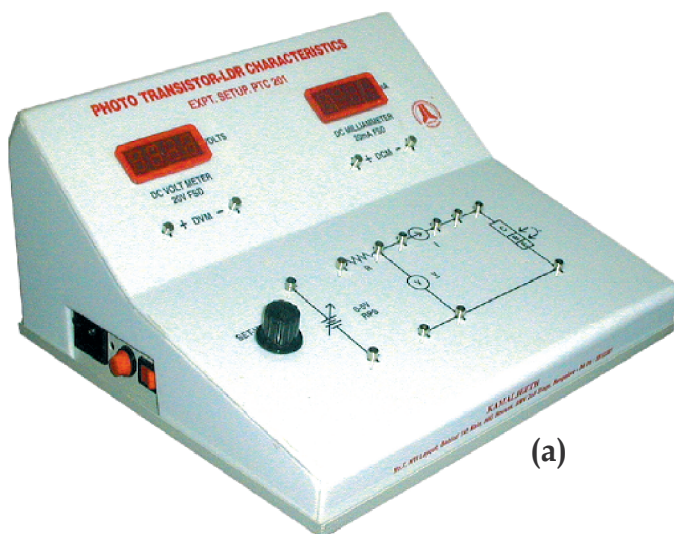
PHOTO-TRANSISTOR / LDR / PHOTO-CELL CHARACTERISTICS

Experiment(s):

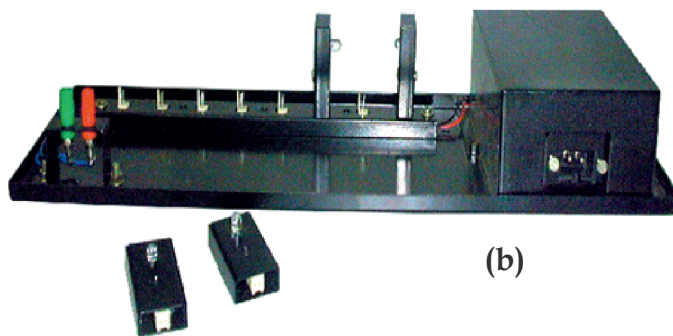
1. I-V characteristics & Spectral response of photo transistor, LDR and photo cell

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

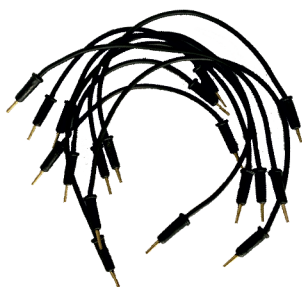
Reference : *Lab Experiments Journal vol-3, No.1, Page-18*
Lab Experiments Journal vol-10, No.2, Page-111
Lab Experiments Journal vol-2, No.2, Page-36



(a)



(b)



(c)

Experiment setup consists:

- a) Photo transistor LDR characteristics kit
- b) Illumination chamber

Specifications:

a) Photo transistor LDR characteristics kit

Power supply: 0-5 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: 20 mA
 Resolution: 0.01 mA
 Devices: Photo- transistor, LDR and Photo cell
 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 illumination chamber
 Slot for distance variation of photo cell/ LDR/ photo transistor
 Rated Input: 220 V/50 Hz or 110 V/60 Hz
 Power Consumption: <20 W

c) **Connectors:** 2 mm-2 mm brass moulded patch cords



KAMALJEETH INSTRUMENTS

ESTD. 1990

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3 years manufacturing warranty