

IV-E388B Spectral Characteristic Of Photocell

Scope of Learning:

- Study of Spectral Characteristics of Photocell

Technical Specification:

Power Supplies:

- DC Supply 0-5V DC, 150mA
- Operated on Mains power 230V, 50Hz $\pm 10\%$

Digital Meters:

- Ammeter: 20uA DC.
- Voltmeter: 20V DC.

Components are mounted on the panels are:

- Zero Setting through 10 Turn Potentiometer.
- Voltage Control through Potentiometer.



Accessories Inbuilt:

- Stand to hold Photo Cell enclosed in box.
- Light Source is housed in suitable box.
- 100W Bulb as Light Source.
- Color Filters: Red, Yellow, Green, Blue and Violet.
- Stand to hold color filter.
- BNC to BNC lead for interconnection.
- Wooden Optical Bench.

Salient Features:

- Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.
- Instruction manual.
- Connections are brought out through BNC Terminations.
- The trainer is housed in Metal and ABS Plastic cabinet.
- Size of the trainer set 12" x 4"
- Short Circuit Protection through Fuse.

Optional Accessories:

- No