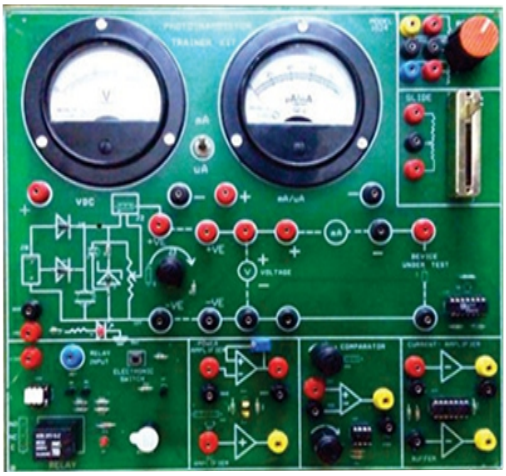
Photo Transducers Characteristics Kit



Technical Specification

- Analog current and voltmeter
- Voltage comparator, power amplifier
- The concept circuit of Trainer printed on P.C.B. ,
- Inbuilt power supply source,
- Transducers Photoconductive Cell(LDR),
- Photovoltaic Cell, Photo transistor, LED ,Photo diode,
- Light Source - Filament Lamp with wooden mount baseand scale for distance measurement ,
- Signal Conditioning Circuitry Potentiometers,
- Output Circuits, Interconnections - 4mm banana sockets,
- 220AC Mains Operated, Operating Manual ,
- Output device-, Moving Coil Meters,
- Analog voltmeter dual range micro/milli amp current meter,
- Amplifier- Power Amplifier circuit, Current Amplifier,
- DC Amplifier, Comparator, Buffer, Input Circuits,
- Rotary & Slide Potentiometers, Output Circuits,Moving Coil Meter, Relay switch, Buffer, Accessories- user's manual, connecting leads, light source, power chord

Experiments

- To Study –characteristics of photo devices -photo transistor,
- photo diode, photo voltaic cell, photo conductive cell(LDR), LED.
- Study the current Amplifier.
- Study of power amplifier.
- Study of Signal Comparator.