

Characteristics & Applications

ME 550D - Characteristics & Applications of Basic Thyristors (SCR, DIAC, TRIAC, UJT)

Objective:

- To Study The Characteristics & applications of Diac, Triac, SCR, UJT

Technical Specifications :

Inbuilt variable DC regulated power supplies

- Output Voltage : 0-2.5VDC
: 0-15VDC
: 0-50VDC

On Board Analog Moving Coil Meters

- Voltmeter : 0- 15VDC
: 0-2.5VDC / 0-50VD
- Ammeter : 0-200uA / 0-10mA (Duel Range)
: 0-2.5mADC/50mADC

Components provided

- Resistances
- Capacitors
- 40W Lamp with lamp holder
- High quality front panel used
- Symbol diagram printed on Front Panel & all important test Points are brought Out on front panel
- Power requirement : 230 VAC 10%, 50Hz.
- Weight : 6.0Kg Approx.
- Dimensions (mm) : 455(L) x 300(B)

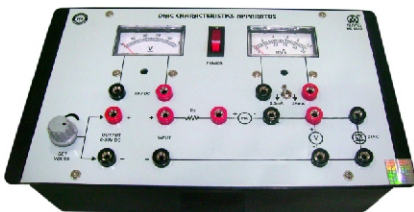
Standard Accessories

- Power chord, Patch chords & Instruction manual.
- Two pin main lead with one side two 4mm banana plug.
- One fourty watts lamp.

ME 551- Diac Characteristics Apparatus

Objective :

- V-I Characteristics of Diac.



Technical Specifications :

Inbuilt Variable DC regulated power supply

- Output Voltage : 0-50VDC

On Board Analog Moving Coil Meters (60 mm x 35 mm)

- Voltmeter : 0-50VDC
- Ammter : 0-2.5mA/0-25mADC (dual range)

Components Provided

- Diac
- Series Resistance : 1 Nos.

- High quality Aluminum used as front panel of 270mm x 170mm & mounted on light weight shock proof plastic cabinet
- Symbol diagram printed on Aluminum Front Panel & all important test Points are brought out on front panel
- Power requirement : 230 VAC 10%, 50Hz.
- Weight : 1.5 Kg Approx.
- Dimensions (mm) : 300(L) x 175(B) x 75(H)

Standard Accessories

- Power chord, Patch chords & Instruction manual.
- Other Models also available**
- ME 551 - Diac Characteristics Apparatus with Bakelite Panel & Round Meters
- ME 551P - Diac Characteristics Apparatus with Aluminum Panel & Digital Panel Meters

ME 552 - Triac Characteristics Apparatus

Objective :

- V-I Characteristics of a Triac.



Technical Specifications :

Inbuilt DC regulated power supplies

- Output Voltage : 0-3VDC
: 0-30VDC

On Board Analog Moving Coil Meters (60 mm x 35 mm)

- Ammeters : 0-5mADC
: 0-600MicroADC/0-60mADC (Dual Range)
- Voltmeter : 0-3VDC/0-30VDC(dual range).

Components Provided :

- Triac : BT 136
- High quality Aluminum used as front panel of 300mm x 220mm & mounted on light weight shock proof plastic cabinet
- Symbol diagram printed on Aluminum Front Panel & all important test Points are brought out on front panel
- Power requirement : 230 VAC 10%, 50Hz.
- Weight : 2.0 Kg Approx.
- Dimensions (mm) : 330(L) x 225(B) x 75(H)

Standard Accessories :

- Power chord, Patch chords & Instruction manual.
- Other Models also available**
- ME 552 - Triac Characteristics Apparatus with Bakelite Panel & Round Meters
- ME 552P - Triac characteristics Apparatus with Aluminum Panel & Digital Panel Meters