

Characteristics & Applications

ME 546D - Thermistor Characteristic Apparatus

Objective:

- Plot characteristics of the following :-
- Temp. Vs resistance at different voltages.
- Voltage Vs current at different temperatures.
- Current Vs time at different voltages.



Technical Specifications :

Inbuilt variable DC regulated power supply

- Output Voltage : 0-10 VDC

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

- Voltmeter : 0-10 VDC
- Ammeter : 0-500MicroADC

Thermometer

- Mercury thermometer
- Glass Thermistor : 68K ohm
- High quality Aluminum used as front panel of 300mm x 220 mm & 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) : 330(L) x 225(B) x 75(H)

Standard Accessories

Power chord, Patch chords & Instruction manual.

Other Models also available

- ME 546 - Thermistor Characteristics App. with Bakelite Panel & Round Meters
- ME 546P - Thermistor Characteristics Apparatus with Aluminum Panel & Digital Panel Meters

ME 547BD - UJT Characteristics Apparatus & UJT as Relaxation Oscillator

Objective :

- V-I characteristics of UJT and observe the wave shape generated by UJT relaxation oscillator and calculation of ON time period of a relaxation oscillator.

Technical Specifications :

Inbuilt Variable DC regulated power supplies

- Output Voltage : 0-15VDC
- : 0-25VDC

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

- Voltmeters : 0-15VDC
- : 0-25VDC
- Ammeter : 0-1.5mADC / 0-60mADC (Dual Range)

Component & Switches

- UJT : 2N2646
- Band switches : 2 Nos.
- 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 : 1.7 Kg Approx.
- Dimensions (mm) : 330(L) x 225(B) x 75(H).

Standard Accessories :

- Power chord, Patch chords & Instruction manual.

Optional Accessories :

- Dual Trace Cathode Ray Oscilloscope 30MHz (ME 3030)

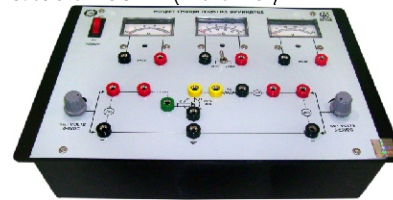
Other Models also available

- ME 547B - UJT Characteristics Apparatus & UJT as Relaxation Oscillator with Bakelite Panel & Round Meters
- ME 547BP - UJT Characteristics Apparatus & UJT as Relaxation Oscillator with Aluminum Panel & Square Meters

ME 548 - Mosfet Characteristics Apparatus

Objective :

- V-I characteristics of a MOSFET (N-channel)



Technical Specifications :

Inbuilt Variable DC regulated power supplies

- Output Voltage : 0-5VDC
- : 0-25VDC

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

- Voltmeters : 0-5VDC
- : 0-25VDC
- Ammeter : 0-5 mADC / 0-25mADC (Dual Range)

Components Provided

MOSFET : IRF Z44N (One channel depletion type)

- 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 : 2.0Kg Approx.
- Dimensions (mm) : 330(L) x 225(B) x 75(H)

Standard Accessories:

- Power chord, Patch chords & Instruction manual.

Other Models also available

- ME 548 - Mosfet Characteristics Apparatus with Bakelite Panel & Round Meters
- ME 548P - Mosfet Characteristics Apparatus with Aluminum Panel & Digital Panel Meters