⊚ LAB ENGINEERING

Email : purchase@elabengineeringequipments.com Phone: +91-9811375383

Product Name : Power Electronic Trainer

Product Code : ELB-PELB0002



Description :

Power Electronic Trainer

Technical Specification :

- To study the characteristics of SCR and plot it's V-I Characteristics.
- To study the Gate control characteristics of SCR and It's graph.
- To study the characteristics of UJT
- To study the characteristics of MOSFET.
- To study the characteristics of IGBT.
- To study the characteristics of DIAC and plot it's V-I Characteristics curve.
- To study the V-I characteristics of TRIAC.
- To study the characteristics of PUT.
- To study the Resistor Triggering circuit.
- To study the Resistor-Capacitor Triggering Circuit (Half wave).
- To study the Resistor-Capacitor Triggering Circuit (Full wave).
- To study the triggering of SCR using UJT.
- To study the digital firing circuit.

Using SCR

Using TRIAC

Using UJT

Using MOSFET

Using IGBT

- To study the characteristics of power transistor.
- To SCR Half Controlled Rectifier

To study Full Controlled Rectifier
To Study UJT as Relaxation Oscillator
APPLICATIONS OF TRIAC
(1) TRIAC SWITCHING CIRCUIT
(2) TRIAC AS AC PHASE CONTROL.

⊚ LAB ENGINEERING

Elab Engineering Equipments Manufacturers