

OM LAB PRODUCTS

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GSTIN: 06AKBPG9661L1ZV

SCR Characteristics Trainer



Specification:

- **Product Name: SCR Characteristics Trainer**
- **SCR Characteristics Trainer** — a lab instrument used for to Study the VI Characteristics of SCR & Determine the break over voltage, on state resistance holding current and latching current.
- **CR: Silicon Controlled Rectifier (SCR)** also called the Thyristors is one of the most widely used semi controlled switching device. It has a P-N-P-N Structure and 3 terminals- anode (A), Cathode (K), and Gate (G)
- **Power Supply:** 230V \pm 10%, 50Hz AC
- **DC Output 1:** 0–10 mA (for gate current control)
- **DC Output 2:** 0–30 V (for anode-to-cathode voltage supply)
- **Instruments:** 2 Analog Ammeters (0–10 mA, 0–100 mA) and 1 Voltmeter (0–30 V)
- **Load Resistors:** R1 and R2 fixed resistors for limiting current
- **Device Under Test (DUT):** SCR — Model TYN604

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Experiments:

- Forward Characteristics of SCR (Anode to Cathode voltage vs current).
- Gate Trigger Characteristics (Gate current vs anode voltage).
- Holding and Latching Current Measurement.

- Video Link: [SCR Characteristics Trainer](#)
- Dimensions: 34 x 23 x 12 cm Approx.
- Weight: 1.5 KG Approx.
- Packing : Card Board Box.
- HSN Code: 9031
- GST: General Standard 18%
- CATAGORIES: Electronics Instrument
- Brand: OM LABS
- Product Code: OM-580

Note: Specification and image are subject to change w/o notice due to Continuous improvement

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