

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



STUDY OF S.C.R. V – I CHARACTERISTICS

MODEL – SCR – 10.



FEATURES :

- ** Regulated, continuously variable, short circuiting proof, two power supplies (Approximately 0 – 75, Volt for anode and 0 – 3, Volt for gate) suitable for the experimental board are builtin.
- ** Circuit is engraved and components are mounted on the top of the decorated bakelite sheet to facilitate better and clear understanding.
- ** A complete working manual containing operating instruction, theory and circuit details will be supplied alongwith experimental set - up.
- ** Patch cords suitable to the terminals are supplied with the board for easy inter connections and longer working life of the terminals.
- ** One Potentiometer with fixed value RL and reset switch in anode chain, one current limit resistance in gate cathode chain are provided with the circuit.
- ** Three Digital Panel Meters, two of them are calibrated in dual range to take anode – cathode volts, anode current and gate current is provided upon the panel.
- ** This board is desired to study of silicon control rectifier volt – ampere characteristics.

EXPERIMENTS :

1. To study and plot the V – I Characteristics (Forward) of S.C.R.

OTHER APPARATUS REQUIRED :

Board is self sufficient.