

DIFFERENT TYPES OF TRIGGERING TECHNIQUE OF S.C.R.

MODEL : SCR - 05.



FEATURES :

- ** Regulated, continuously variable, short circuiting proof, one power supplies (Approximately 0 – 20, Volt DC for DC gate triggering and UJT triggering circuit and other power supply (Approx. 50 Volt R.M.S) for anode – cathode.
- ** 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.
- ** Weight : 3 Kg Approximately
- ** Dimension : 252mm × 330mm × 72mm

EXPERIMENTS :

1. To study the different types of triggering techniques of S.C.R. :
 - (a) D.C. Triggering.
 - (b) A.C. Triggering i.e. R – C Phase Shift Triggering.
 - (c) U.J.T. Triggering without pulse transformer.

OTHER APPARATUS REQUIRED :

1. Digital Multimeter, Model – 4011. (“Sciencetech” make.)
2. A General purpose C.R.O., Model – 201. (“Sciencetech” make.)

Note: There may be any change in specification due to continuous R & D without notice.

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