

VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



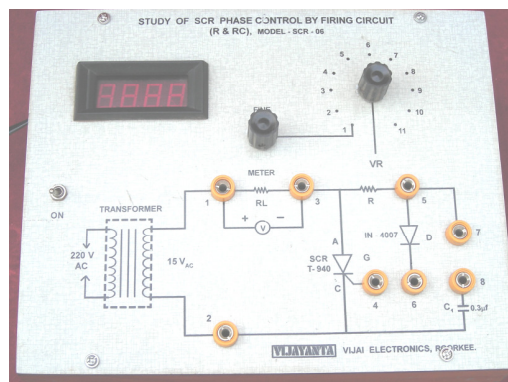
WSC
ISO - 9001-2008
Certificate No. WSC-215028-A

S.C.R. FIRING CIRCUIT (R AND R.C.)

MODEL - SCR - 06.

FEATURES :

- ** In the given board, circuit is engraved and component are mounted on the top of the decorated sunmica bakelite sheet to give better and clear under standing.
- ** A Decade Resistor with a variable control is provided as R.
- ** A diode and Capacitor is provided to make R and R - C Trigger Control.
- ** A D.P.M. (Digital Panel Meter) as a Voltmeter is connected across the load to take readings of rectified D.C.
- ** There is a linear pot provided on panel, which gives fine and continuously variable control in addition to a decade resistor which gives coarse control as R.
- ** Patch cords suitable to the terminals are supplied with the board for easy inter connections and longer working life of the board.
- ** A complete working manual containing theory, circuit details and operating instructions is supplied with the experimental board.



EXPERIMENTS :

1. Study of SCR Phase Control of R and R - C Firing Angle.

OTHER APPARAUTS REQUIRED :

1. A General (Single Channel) purpose C.R.O.
2. Digital Multimeter.