VIJAYANTA

WSC
ISO – 9001: 2015

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 find 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.

** Weight : 2 Kg Approximately

** Dimension : 210mm × 280mm × 82mm

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.

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

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