

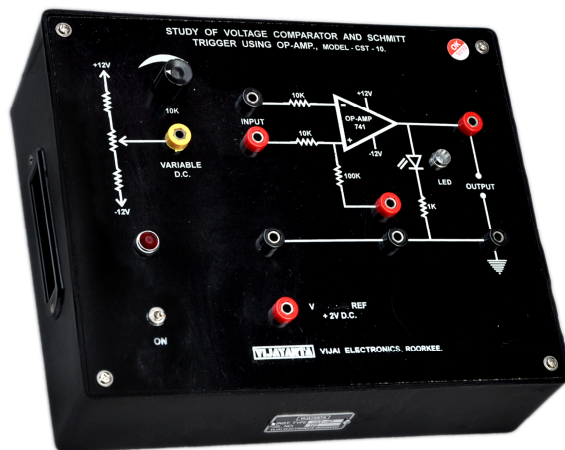
VIJAYANTA

VIJAI ELECTRONICS
28/147, CIVIL LINES
ROORKEE - 247667



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

STUDY OF COMPARATOR AND SCHMITT TRIGGER **USING OP - AMP.,** MODEL - CST - 10.



FEATURES :

- ** Circuit is engraved or screen printed on a decorated painted aluminum sheet to facility better on clear under standing.
- ** A complete working manual containing theory, circuit details and operating procedure is supplied with the experimental board.
- ** Stackable type connecting leads are supplied with the board for easy and perfect inter connections.
- ** Fixed output D.C. Regulated Power Supply of 12, Volts.
- ** Built-in in symmetrical DC power supply for operational amplifier
- ** Necessary network of resistance and capacitor with one op - amp., voltage divider and fixed reference

EXPERIMENTS :

1. To study of op - amp. as comparator.
2. To study of op - amp. as Schmitt Trigger.

OTHER APPARATUS REQUIRED :

1. A general purpose Dual Trace C.R.O.
1. Audio Frequency Oscillator or Function Generator.
2. Digital Multimeter.