

## STUDY OF TRANSFER CHARACTERISTICS OF TTL INVERTER AND SCHMITT TRIGGER,

MODEL : TTL - 10.



### FEATURES:

- \*\* Detailed circuit is printed on a painted aluminum sheet to facilities better on clear understanding.
- \*\* The complete working instructions 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.
- \*\* Continuously variable, overload and short circuit protected d.c regulated power supply.
- \*\* Two fixed d.c output regulated power supplies of 5 Volts and  $\pm 15$  Volts are builtin.
- \*\* Two dual range Voltmeters are mounted on the front panel to measure the input and output voltages.
- \*\* One LED is mounted on the front panel to observe the output status.
- \*\* Schmitt Trigger IC-7414 is mounted on P.C.B inside the cabinet and connections for input and output are brought on the sockets.
- \*\* Builtin rugged Waveform Generator.
- \*\* Weight : 2 Kg Approximately
- \*\* Dimension : 210mm  $\times$  280mm  $\times$  82mm

### EXPERIMENTS:

Study of TTL Inverter (Transfer Characteristics) and TTL Schmitt Trigger Inverter.

### OTHER APPARATUS REQUIRED:

A General Purpose Dual Trace Oscilloscope.

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

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