



# STUDY OF LOAD VARIATIOIN AND FREQUENCY RESPONSE OF SINGLE STAGE CE AMPLIFER,

MODEL : LF - 04.



#### FEATURES:

- \*\* Built-in Regulated and short circuit proof Power Supply suitable the experimental board.
- \*\* Circuit is engraved on a painted aluminum panel and component are mounted on the top of the sheet to give better and clear understanding.
- \*\* A complete working manual containing theory, circuit details and operating instruction supplied with the experimental board.
- \*\* Stackable type connecting leads suitable to the terminals are supplied with the board for easy inter connections and longer life of the terminals.
- \*\* A fixed frequency (Approx. 1, KHz) Sine Wave Oscillator is built-in.
- \*\* A Variable Resistance Load selected by rotary switch is provided.
- \*\* Weight: 2.5 Kg Approximately
- \*\* Dimension:  $210 \text{mm} \times 280 \text{mm} \times 82 \text{mm}$

#### **EXPERIMENTS:**

- 1. Measurement of Voltage Gain at 1, KHz for different Load Resistance.
- 2. Plotting of Frequency Response of a Single Stage Amplifier Circuit.
- 3. Measurement of Input Impedance of the CE Amplifier Circuit.

### OTHER APPARATUS REQUIRED:

- 1. A.F. Oscillator, Model 712.
- 2. True RMS A.C. Millivoltmeter, Model ACM 536. (With 1 KHz Oscillator).
- 3. A General Purpose C.R.O.
- 4. A Digital Multimeter.

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

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