



# 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 : 210mm × 280mm × 82mm

#### **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.

## VIJAYANTA TECHNOLOGIES PVT. LTD.

(Formerly Vijai Electronics) Dr. Baldev Singh Marg 28/147 Civil Lines, Roorkee-247667 Distt. Haridwar, Uttarakhand Phone No.: 01332 – 272509, 7579200827 E-Mail : vijayantatechologies@gmail.com, vijaielectronics1965@gmail.com