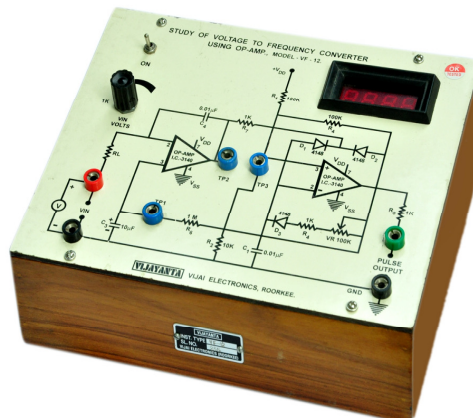


STUDY OF VOLTAGE TO FREQUENCY CONVERSION

MODEL : VF - 12.



This board is designed to study of an operational amplifier working as voltage to frequency converter. The board is fully self contained hence no other apparatus required to perform the experiments. The board has one Op - Amp $\mu A - 741$ with four resistors of same values, one continuously variable D.C. Supply 0 - 15, Volt and one Voltmeter, sockets provided for connections and necessary number of patch (cords) leads provided with board.

FEATURES:

- ** IC Regulated and short circuit proof ± 12 Volt Power Supply, suitable to experimental board in builtin.
- ** Circuit is drawn on a decorated bakelite sheet and the components are mounted on the top of the panel for better and clear understanding.
- ** A complete working manual containing theory, circuit details and operating instruction will be supplied alongwith experimental board.
- ** Stackable type connecting leads suitable to the terminals are supplied with the board for easy interconnections and longer life of the terminals.
- ** A Digital Voltmeter of 0 - 15, Volt is provided for the measurement of voltages and a one Milliammeter for current measurement.
- ** Weight : 2 Kg Approximately
- ** Dimension : 210mm \times 280mm \times 82mm

EXPERIMENTS :

1. Study of Voltage to Frequency Converter using Op - Amp.

OTHER APPARATUS REQUIRED :

1. A Digital Milliammeter.
2. A Generator purpose C.R.O.
3. Frequency Counter with low gate time (1 second gating with for digit minimum) or a period counter.

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

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