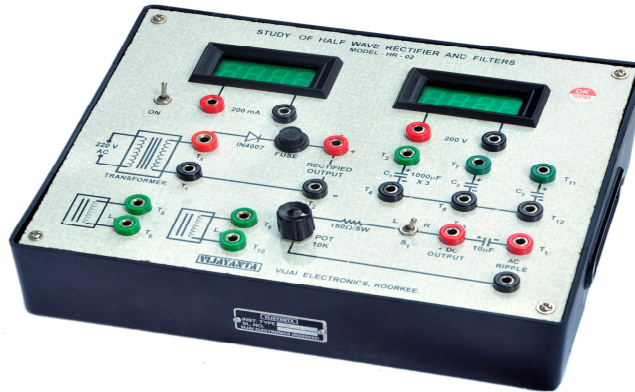


STUDY OF HALF - WAVE RECTIFIER WITH DIFFERENT TYPES OF FILTERS AND MEASUREMENT OF RIPPLE FACTOR, MODEL : HR - 02.



FEATURES :

- ** Low Voltage AC supply for rectification purpose is used so that the wave shape can directly be seen on C.R.O.
- ** Semiconductor diodes are used for rectification purpose.
- ** For making different types of Filters, two Inductors and three Capacitors are provided.
- ** Circuit is printed on a painted aluminum sheet 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.
- ** Weight : 2.2Kg. Approximately
- ** Dimension : 210mm × 280mm × 82mm

EXPERIMENTS :

1. Study of Half - Wave Rectifier with Different combination of Filters and for different values of load resistance and measurement of ripple factor.

OTHER APPARATUS REQUIRED :

1. D.C. Milli meter. Range : 0 – 200, milli amps. 01 No.
2. D.C. Voltmeter. Range : 0 – 25, Volt. 01 No.
3. A General Purpose C.R.O. to see the input and Rectified wave Forms.
4. A Digital Multimeter for the measurement of A.C. Ripples.

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

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