

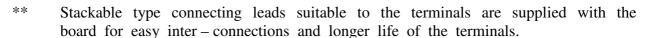


# STUDY OF BRIDGE RECTIFIER WITH DIFFERENT TYPES OF FILTERS AND MEASUREMENT OF RIPPLE FACTOR,

MODEL: BR - 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 aluminum sheet panel and component are mounted on the top of the panel to give better and clear understanding.
- \*\* A complete working manual containing theory, circuit details and operating instruction supplied with the experimental board.



- \*\* Weight: 3.2Kg Approximately
- \*\* Dimension:  $280 \text{mm} \times 210 \text{mm} \times 82 \text{mm}$

## **EXPERIMENTS:**

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

## **OTHER APPARATUS REQUIRED:**

- 1. D.C. Milliammeter. Range : 0 200, milli amps 01 No.
- 2. D.C. Voltmeter. Range : 0-25, Volts. 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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