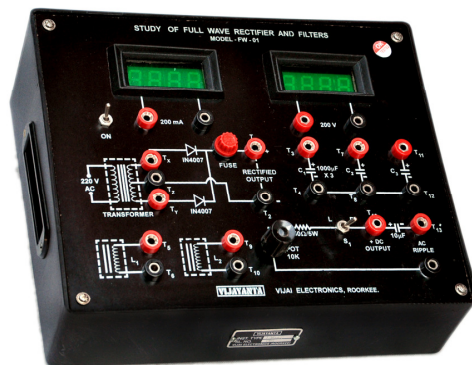


## STUDY OF FULL - WAVE RECTIFIER WITH DIFFERENT TYPES OF FILTERS AND MEASUREMENT OF RIPPLE FACTOR, MODEL : FW - 01.



### 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 engraved on a decorated bakelite 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 : 3 Kg Approximately
- \*\* Dimension : 210mm × 280mm × 82mm

### EXPERIMENTS :

1. Study of Full - 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. Milliammeter. Range : 0 - 200, mAmp. 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. Ripple.

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

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