VIJAYANTA
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WSC
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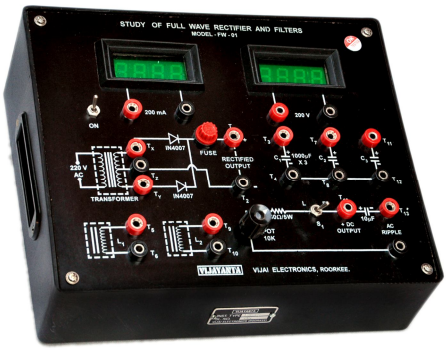
STUDY OF FULL – WAVE RECTIFIER WITH DIFFERENT TYPES OF FILTERS AND MEASUREMENT OF RIPPLE FACTOR, MODEL – FW – 01.



F E A T U R E S :

** 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.

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.