

VERIFICATION OF MAXIMUM POWER TRANSFER THEOREM, MODEL – M – 10 DC.



FEATURES:

- ** Regulated and short circuit proof fixed voltage source of + 5 Volt and Current source of 115, mAmp., suitable to the experimental board are 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 operating instruction, theory and circuit details will be supplied alongwith experimental set - up.
- ** Digital Voltmeter of 20, Volt and Digital Milliammeter of 200, mAmp., are provided on the board for the measurement of current and voltage of the circuit.
- ** Three fixed resistors for internal source resistance and a variable resistance on a eleven way band switch from 25, Ω in steps of 25 Ω are provided on the panel for the study of the theorem.
- ** Weight : 2 Kg. Approximately
- ** Dimension : 250mm \times 325mm \times 70mm

EXPERIMENTS:

1. Verification of Maximum Power Transfer Theorem for different internal source in case of.
 - (a) Voltage Source.
 - (b) Current Source.

OTHER APPARATUS REQUIRED:

Board is self sufficient.

NOTE:

Also available in A.C. circuit.

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

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