

Transformers are Basically Power conversion Devices, converting One voltage level to another starting from the Power generation stage till the Power utilization level.

Single Phase transformer as the name suggests has Primary 230V AC & Secondary has tappings at 100%, 60%, 33% etc for various experiments.

This Model is the Industrial/Educational model suitable for demonstrating to students the complete know of the Basics, Study and Voltage conversion at various levels, Study of Efficiency & Maintenance of these Transformers packaged in small rating. Students can make connections of their own with the help of the terminations provided.

**Technical Specs :**

Power ratings available : 1KVA/2KVA/5 KVA

Voltage Primary : 230V AC

Voltage Secondary : 115V AC with tappings

Enclosed in cabinet with terminations on Bakelite sheet with Banana terminals

List Of Experiments:

- 1) Study of No load
- 2) Study of Full load
- 3) Efficiency evaluation
- 4) Study of losses in transformer
- 5) Basic Overhauling Know how

Note: Specifications are subject to change.

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