

Measurement Of Efficiency Of Single Phase Transformer



Product Categories: [Electronics](#), [Engineering Equipment](#), [Experimental Setup For Electrical Lab](#), [Experimental Setup For Electrical Lab](#)

Product Page: <https://www.labappara.com/product/measurement-of-efficiency-of-single-phase-transformer/>

Product Description

Measurement Of Efficiency Of Single Phase Transformer

Experiments:

Study of 1 phase transformer connections

Efficiency test on 1 phase transformer

Ratio, voltage, power and current measurement in single phase

Open and short circuit test.

Features:

Electrical control panel with 1 single phase 1KVA transformer.

Panel size 36x24 Inches.

Transformer provided will be high quality copper wound.

Primary of transformer of 220V and secondary will be 110V.

There are 3 tapping in the secondary at 50%, 86%, 100%.

Transformer will be differently housed in a MS powder cabinet for easy carrying and other general use.

Panel consist of MS powder coated housing with back side removable.

Panel fitted with front panel of insulated Bakelite sheet 6mm thick.

It is fitted with appropriate digital voltmeter, ammeter & wattmeter to record the readings.

Short circuit protection with the help of MCB.

4A variable ac supply is provided separately through variac for short circuit test.

Load bank is provided internally on panel with 100W electrical bulbs.

Connections through 4mm safety terminals.

Supplied with instruction manual