

# Sumpner's Test (Back To Back) Test On 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/sumpnerns-test-back-to-back-test-on-single-phase-transformer/>

## Product Description

### Sumpner's Test (Back To Back) Test On Single Phase Transformer

Sumpner's Test of Single Phase Transformer is a very exclusive and important product designed for students of Electrical Engineering to explain the basic concepts of Sumpner's test. With this trainer, students can learn about the significance of conduction of the heat run test with two single phase transformers and correspondingly can determine the efficiency and voltage regulation. Additionally one can also learn the phenomenon of polarity.

The product helps the students to get fully acquainted with the basic concepts and functioning of the tests conducted on a single phase transformers. The product is represented in such an easy way that each test can be studied in proper sequence.

#### Product Features

Two Identical Single Phase Transformer

Inbuilt Single Phase Variac

Microcontroller based LCD to display variation in temperature

Equipped with supply indication lamps

Designed by considering all the safety standards

Diagrammatic representation for the ease of connections

Exclusive and Compact Design

Online Product Tutorial