Product name:	Product code:
Two Single Phase Transformers for Sumpner’s Test	Educational0004

Description

Two Single Phase Transformers for Sumpner’s Test

Technical specification

    - Rating : 1 kVA
    - Primary Voltage : 0 – 125 V, 0 – 125 V
    - Secondary Voltage : 0 – 125 V, 0 – 125 V
- **Meters Used**
    - Voltmeter (MI) (2Nos.) : 100 V, 300 V
    - Ammeter (MI) (2Nos.) : 1 A, 10 A
    - Wattmeter (MI) (2Nos.) : 100 W, 1000 W
- Auto Transformer : 270 V, 10 A
- MCB : 10 A
- Dimensions (mm) : W 600 ´ D 450 ´ H 600

Scope of Learning

- Study of Polarity Test with Two Single Phase Transformersl
- Study of Sumpner's Test-
  Open Circuit Test
  Short Circuit Test and

Two Single Phase Transformers for Sumpner's Test

Sumpner's test of two single phase transformers 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 conducting the open circuit and short circuit tests on single phase transformers and correspondingly determine the efficiency and voltage regulation Additionally one can also learn the phenomenon of polarity.

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The product helps 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 so that each test can be studied in proper sequence. The varied scope of learning makes the subject complete understanding and interesting.

- Stand alone operation
- Exclusive and attractive designed panel
- Designed by considering all the safety precautions
- On board high quality meters are used
- Microcontroller based LCD used to display raising temperature
- Provided with an extensive e-manual
- Two years warranty

Technical Specifications

- **Mains Supply : 230V ±10%, 50Hz**
    - **Transformers**