Order Code - 46512
Parallel Operation of Two Single Phase Transformers

Parallel Operation of Two Single Phase Transformers has been exclusively designed to demonstrate the fundamental concepts of parallel connections of two or more single phase transformers. You can load on the transformer more than the rating of the individual transformer then analyze the Parallel operation phenomenon. Students can learn about the significance of connecting the two transformers in parallel and its effect on the system. Additionally one can also learn the polarity in the transformers.

The training system helps to get fully acquainted with the functioning of a single phase transformer. The varied scope of learning makes the subject completely understanding and interesting.

Features :

- Exclusive and attractive designed panel
- Stand alone operation
- Designed by considering all the safety precautions
- Diagrammatic representation for the ease of connections
- On board high quality meters
- Provided with an extensive e-manual

Scope of Learning

- Study of polarity test under two single phase transformers
- Study of parallel operation of two single phase transformers under equal voltage ratio
- Study of parallel operation of two single phase transformers under unequal voltage ratio.

Technical Specifications :

Mains supply	:	230 V AC ±10%, 50Hz
Transformers (2Nos.)		
Rating	:	1kVA
Primary Voltage	:	0 - 230 V
Secondary Voltage	:	0 - 200 - 230 V
Meters Used		
Voltmeter (MI)	:	500 V (2 Nos.)
Ammeter (MI)	:	10 A (2 Nos.)
MCB (Single Phase)	:	10 A
Dimensions (mm.)	:	W 600 × D 350 × H 450

Note: Specifications are subject to change.

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