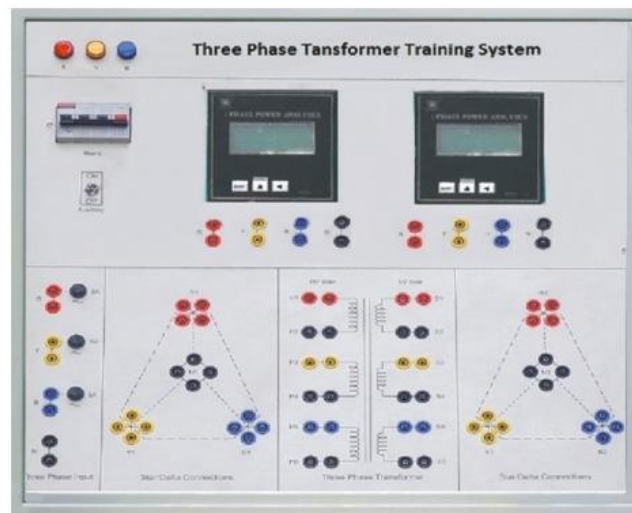


Three Phase Transformer Training System



** Shown image is just for illustration original may differ

Introduction

Three Phase Transformer Training System is an elite training system for the Electrical laboratories. The product helps you to get fully acquainted with the basic concepts and functioning of a Three Phase Transformer.

The product is represented in such an easy way that each test can be studied differently in proper sequence. The Lab practically expertise you in exercises like set-up, step down transformer, open circuit test, short circuit test, Efficiency calculation etc. The vast scope of learning makes the subject easily and completely understandable.

Product Features

- Control panel with digital microcontroller based measuring devices with high accuracy and resolution
- Transformer winding consist of copper for long term service
- Front board consists of MS Material with power coating to avoid any rust.
- Separate auxiliary supply facility to enable digital measuring instruments
- Facility to configure either step up, step down or isolation transformer
- Lamp indicators for three phase mains
- Control Panel with round grills fitted on both sides for cooling purpose.
- Provided with suitable protection such as fuses, MCB, etc wherever requires
- Specially designed BS10 Terminals and patch cords for electrical safety
- Earthing screw provided at the back side of the control set-up
- Diagrammatic representation for the ease of connections.
- Product provides with protection fuses, colored patch cords, single phase cords, learning manual having theory operating procedure with connecting diagram, FAQ, Glossary, etc

Technical Specifications

Mains Supply	: Three Phase, 415VAC \pm 10%, 50Hz
Three Phase Transformer	
Rating	: 1000VA
Primary Voltage	: 415V AC \pm 10%, 50Hz
Secondary Voltage	: 230V AC \pm 10%, 50Hz
Rated Current	: 4A
Winding	: Copper
Type	: E-I Core
Digital Multimeter Meters Used	
Technology Used	: Microcontroller based
AC Voltmeter	: 500V
AC Ammeter	: 10A
Wattmeter	: 1.5kW (2Nos.)
Protection Devices	
MCB (TPN)	: 10A
Glass Fuse	: 5A
Grounding Nut	: Available at the rear side of the panel

Experiments Can be performed:

- Study of Open Circuit Test in a Three Phase Transformer
- Study of Short Circuit Test in a Three Phase Transformer
- Study of Load Test and correspondingly determine the Efficiency and Voltage Regulation in a Three Phase Transformer

Supporting Accessories supplied with Product

- Patch Cords of different color scheme
- Single/Three Phase Mains Cord
- Extra Glass Fuses
- Operating Manual (softcopy)
- 6A, Three Phase Closed Type Autotransformer **(Optional)**
- Three Phase Resistive Load **(Optional)**

****Please feel free to share your queries or requirements by filling your details in ask query section or request a Quote section on the website, we will be happy to cater your requirement.**