



Nvis 7037 Three Phase Transformer Lab is an adaptable training system for the Electrical laboratories. The product helps understand basic concepts and functioning of a Three Phase Transformer. The product is represented in an easy way so that each test can be studied differently in proper sequence. Three Phase configurations such as Star-Star, Star-Delta, Delta-Star and Delta-Delta, Measurement of different losses and consequently determine efficiency and voltage regulation at any predetermined load etc.

Features

- Stand alone operation
- Graphical LCD display for high resolution
- Flexibility to use in star and delta configuration
- Facility to display entire parameter in single shot
- Designed by Considering All the Safety Standards
- Diagrammatic Representation for the Ease of Connections
- Online Product Tutorial

Scope of Learning

Study of:

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

Technical Specifications

Mains Supply : 415V \pm 10%, 50Hz

Transformer Specifications

Type : Three Phase

Power Rating : 1kVA

Primary Voltage : 415V

Secondary Voltage : 230V

Rated Current : 4A

Graphical LCD display : 240 x 125 Pixel

Dimensions (mm) : W 600 x D 450 x H 600

Weight : 33kg (approximate)

Optional :

Three Phase Variac, 10A

Three Phase Resistive Load