



Power Measurement by Two Wattmeter Method is an exclusive & useful product designed for Electrical laboratories to explain the students, how total power is measured in a three phase circuit using only two wattmeters. With this product, student can study the power flow in three phase system and correspondingly calculate Active, Reactive and Apparent power. Apart from this student can easily understand different three phase parameters like Star connection, Delta connection, Line Voltage, Line Current, Phase Voltage, Phase Current and their mutual relationships.

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

#### Technical Specifications

**Mains Supply** : Three Phase  
415 V  $\pm$ 10 %, 50 Hz

**Load** : R - L

#### Meters Used

Wattmeters : 500 W (2 Nos.)

Voltmeter (MI) : 500 V

Ammeter (MI) : 1 A

MCB : 10 A

**Dimensions (mm.)** : 350 W  $\times$  600 D  $\times$  450 H

#### List of Experiments

- Measurement of Power Factor in a Three Phase Circuit
- Measurement of Active, Reactive and Apparent Power in a Three Phase Circuit
- Measurement of Three Phase Parameters

Note: Specifications are subject to change.

**Tesca Technologies Pvt. Ltd.**

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,  
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,  
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com  
Website: www.tesca.in