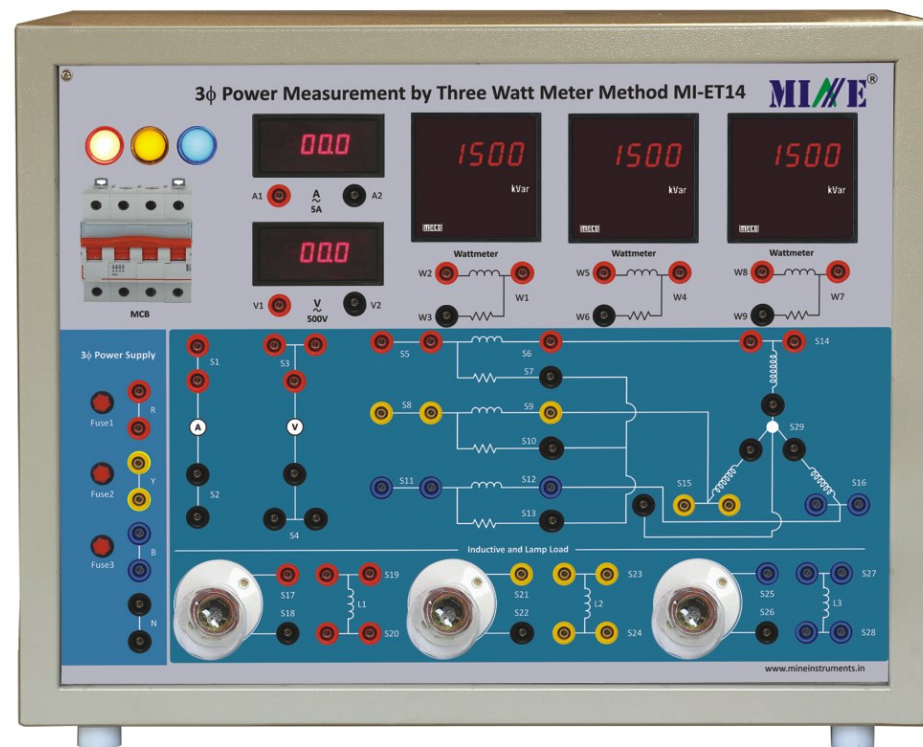


# Three Phase Power Measurement by Three Watt Meter Method Trainer

## MI-ET14



Mine MI-ET14 Three Phase Power Measurement by Three Watt Meter Method Trainer is an exclusive and useful product for Electrical laboratories. It is designed to explain the students, how total power is measured in a three phase circuit using three 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 Line Voltage, Line Current, Phase Voltage, Phase Current and their mutual relationships to verify star and delta properties in three phase circuit.

### Features

- ❖ Inbuilt Inductive Load
- ❖ Facility to configure Star and Delta Load
- ❖ Provided with bulb holder to use load externally
- ❖ Equipped with supply indication lamps
- ❖ Designed by considering all the safety standards
- ❖ Diagrammatic representation for the ease of connections
- ❖ Facility to connect external three phase load.

# Three Phase Power Measurement by Three Watt Meter Method Trainer

MI-ET14



## Technical Specifications

|                    |   |  |
|--------------------|---|--|
| Mains Supply       | : | Three Phase, 415V $\pm$ 10%, 50Hz                    |
| Load               | : | Resistive Load (R) and Resistive-Inductive Load (RL) |
| Digital Meters     |   |  |
| Wattmeter          | : | 1500W (3 nos.)                                       |
| AC Voltmeter       | : | 500V   |
| AC Ammeter         | : | 5A   |
| MCB (TPN)          | : | 6A   |
| Optional           |   |  |
| Three Phase Load   | : | 5A (per phase)                                       |
| Three Phase Variac | : | 5A   |

## Learning's

- ❖ Study and calculate the Power Factor in a Three Phase Circuit
- ❖ Measurement of Power and Calculate Active, Reactive and Apparent Power in a Three Phase Circuit by three wattmeter method
- ❖ Measurement of Three Phase Parameters in star and Delta Configurations

## Accessories

Patch Cord



User Manual



## Mine Instruments Pvt. Ltd.

67-B, First Floor, Electronic Complex, Pardeshipura, Indore-452010 (M.P.) India  
e-mail: [info@mineinstruments.in](mailto:info@mineinstruments.in), [mineinstruments@gmail.com](mailto:mineinstruments@gmail.com)  
Tele Fax: +91-731-4246503, +91-6262603222  
More information: [www.mineinstruments.in](http://www.mineinstruments.in)

### Regional Contacts-

East : +91-6262608000  
North : +91-6262605000  
South : +91-6262601000  
West : +91-6262609000