



Meter Demonstrator

Nvis 7060



Nvis 7060 Meter Demonstrator is all in one, training product designed for the students to make them familiar with the variety of analog measuring instrument and their working principle. Variable AC and DC supply is provided to observe the response of each type of analog meter.

In modern world of electrical and electronics, it is required to measure many network parameters like Current, Voltage, Energy and Power. The analog measuring instruments are broadly classified in three classes: Moving Coil, Moving Iron and Dynamometer type. The aim of designing the product is to demonstrate the working of all types of analog measuring instruments.

Features

- Different types of analog meters with transparent front plate
- CBT software covering all the experiments
- AC and DC Supply are provided to understand working of meters
- Equipped with Supply indication lamp
- Designed by considering all the safety standards
- Diagrammatic representation for the ease of connections

Scope of Learning

- Study the operating of Moving Coil type Instruments
- Study the operation of Moving Iron type Instruments
- Study the operation of Dynamometer type Instruments

Technical Specifications

- Inbuilt Variable AC Supply** : 0 to 230V
- Inbuilt Variable DC Supply** : 0 to 6V (with load)

Meters Used

- AC Voltmeter : 0 to 300V
- DC Voltmeter : 0 to 10V
- AC Ammeter : 0 to 1A
- DC Ammeter : 0 to 1A
- AC Wattmeter (Dynamometer) : 0 to 500W

- Mains Supply** : 230V \pm 10%, 50Hz

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

- Weight** : 15kg (approximate)

Designed & Manufactured in India by

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