

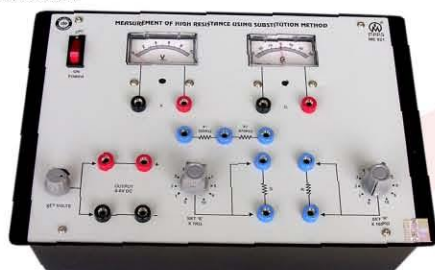
Physics Lab Equipments & Experimental Setups

ME 821 - Measurement of High Resistance using Substitution Method

Method

Objective:

- High resistance measurement using substitution method has been designed to calculate the value of unknown high resistance by using substitution method.



Technical Specifications:

- Output voltages : 0-8VDC
- Meter (Analog) : Voltmeter 0-8V DC
: Galvanometer 30-0-30
- Housed in PVC cabinet, circuit diagram printed & all important output brought out at Aluminum front panel.
- Power Requirement : 220 VAC \pm 10%, 50Hz

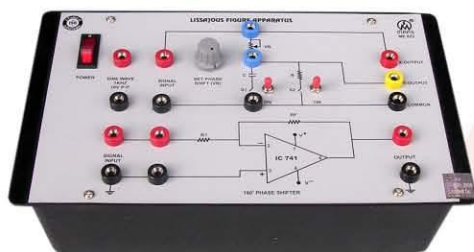
Standard Accessories:

- Power Cords, Patch Cords, Instruction Manual.

ME 822 - Lissajous Figure Apparatus

Objective:

- Lissajous Figure Apparatus has been designed to study the various Lissajous figures when sine wave signals of same frequency differs in phase.



ME 824 - Dielectric Constant Apparatus (Solid & Liquid)

Objective: "Dielectric Constant Apparatus" has been designed for determines the Dielectric constant of a substance. (Liquid & Solid)

Setup Consist of :

- Dielectric Constant Apparatus
- Variable Gang Capacitor
- One Solid Bakelite plate to be insert in rap of test capacitor

Technical Specifications of Dielectric Constant Apparatus

- Meter (Analog) : Ammeter 0-50 MicroA
- Housed in PVC cabinet, circuit diagram printed, Potentiometer, fixed Capacitor & all important output brought out at Aluminum front panel.
- Power Requirement : 220 VAC \pm 10%, 50Hz

Standard Accessories:

- Power Cords, Patch Cords, Instruction Manual.

Technical Specification:

- Output voltages : +15VDC
 - Inbuilt Sine Wave Oscillator : 1KHz
 - Housed in PVC cabinet, circuit diagram printed, IC 741, Potentiometer, Resistance , Capacitor & all important output brought out at Aluminum front panel.
 - Power Requirement : 220 VAC \pm 10%, 50Hz
- #### Standard Accessories:
- Power Cords, Patch Cords, Instruction Manual.

ME 823 - Stefan Constant Apparatus

- Objective:** Stefan's Constant Apparatus has been designed to study the Stefan's Law of radiation.



Technical Specification:

- Output voltages : 0-12VDC
 - Meter (Analog) : Voltmeter
: Ammeter
 - Housed in PVC cabinet, circuit diagram printed, Bulb holder & all important output brought out at Aluminum front panel.
 - Power Requirement : 220 VAC \pm 10%, 50Hz
- #### Standard Accessories:
- Bulb 12V, Power Cords, Patch Cords, Instruction Manual.

