

Kelvin Bridge (Student)

ME 2203

- To measure the low value Resistance

Technical Specifications

- One ratio box of 1-1 , 0.1-0.1 , 0.01-0.01 , 10-10 , 100-100 , for connection of Galvanometer.
- One decade dial of X0.01W.
- Slide wire of resistance 0.05W with scale of 100 equal divisions.
- Four terminals for connecting unknown resistance wire.
- Two terminals are provided for Battery.
- Terminal provided to attach thick wire.

Optional Accessories

- 1) DC Source 0-12 VDC/10A(ME 176)
- 2) Galvanometer 30-0-30 Division Sensitivity of $2\mu\text{A}/\text{Division}$ (ME-472D)
- 3) Conductivity Attachment(ME-2218)
- 4) Connecting Leads (current carrying capacity 10Amps)

Maxwell Inductance Bridge

ME 2204



- To calculate the unknown value of inductance.

Technical Specifications

- Three decade dials of X0.01 , 0.1 , 1 marked 'r'
- Three decade dials X 10 , 100 , 1000 marked R3.
- Three decade dials X 10 , 100 , 1000 marked R4.
- Sockets are provided for connection of standard inductance, unknown inductance, sine wave oscillator and for detector as head phone/CRO.

Optional Accessories

- 1) Decade Inductance Box with Sine Wave Oscillator & Inductance (ME-2200B)
- 2) Sensitive Head Phone (Detector)(ME-2219))

Wein's Bridge (Capacity Measurement)

ME 2205



- To calculate the unknown value of capacitance.

Technical Specifications

- Panel with two ratio dial X 0.1 , 1 marked R.
- Four decade dials X 0.1 , 1 , 10 , 100 marked R1
- Four decade dials X 0.1 , 1 , 10 , 100 marked R2

Optional Accessories

- 1) Decade Capacitance Box with Sine Wave Oscillator & Inductance (ME-2200A)
- 2) Sensitive Head Phone (Detector)(ME-2219)