

IV-E676A To Find The Internal Resistance Of Primary Cell Using DC Potentiometer

Scope of Learning:

- TO COMPARE THE EMF OF TWO PRIMARY CELLS USING DC POTENTIOMETER

Technical Specification:

Power Supplies:

- DC Supply IC Regulated +2/4V DC, 500mA.
- Electronics Standard Cell +1.018V, 300mA.
- Operated on Mains power 230V, 50Hz $\pm 10\%$

Meters:

- Digital Voltmeter DC (Dual Range)
- Digital Ammeter
- Digital Galvanometer As Null Detector

Components are mounted on the panels are:

- 2 Dial Decade Resistor Box on Board.
- Provision for Rheostat (External)
- Fractional Resistance box as a Shunt



Salient Features:

- Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.
- Instruction manual.
- Connections are brought out through 4mm Colored Sockets.
- Patch Cords 4mm.
- The trainer is housed in ABS Plastic cabinet.
- Size of the trainer set 12"x10"

Accessories With Trainer:

- 10 Wire Potentiometer

Optional Accessories:

- Scientific Calculator