

## IV-E417 Calibration Of Voltmeter And Ammeter By Using DC Slide Wire Potentiometer

### Scope of Learning:

- Study of Calibration of Ammeter by using DC Slide Wire Potentiometer
- Study of Calibration of Voltmeter by using DC Slide Wire Potentiometer

### Technical Specification:

#### Power Supplies:

- DC Supply IC Regulated +2V DC, 150mA.
- DC Supply IC Regulated 0-2/20V DC, 150mA.
- DC Supply IC Regulated +1.018V DC, 150mA. (Standard Cell)
- Operated on Mains power 230V, 50Hz  $\pm 10\%$

#### Meters:

- Digital Voltmeter DC
- Digital Ammeter DC
- Analog Galvanometer 30-0-30, 20uA/Div.

#### Components are mounted on the panels are:

- Standard Resistor 3Nos.
- Voltage Ratio Divider Provided on Board.
- Optional for External 20V/2A Power Supply.
- Optional for External 200V/100mA Power Supply.



### 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 16"x12"

### Optional Accessories:

- Digital Multimeter
- Scientific Calculator