

## IV-E256 Study Of Transformer (Analog Meter)

### Scope of Learning :

- Study of Transformer and Copper Losses and Efficiency Test.

### TECHNICAL SPECIFICATIONS

#### Analog Meters:

- Voltmeter 30V AC (2Nos.)
- Ammeter 5A AC. (2Nos.)

#### Demountable Transformer (Set of 3 Coils)

- 0-6,4A
- 0-12,2A
- 0-24,1A

#### Power Supplies:

- AC Power Supply 2-12V, 2A (Stepped)
- Operated on Mains power 230V, 50Hz  $\pm 10\%$

#### Load:

- Rheostat as Load 30Ohm, 2A



### Salient Features :

- Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.
- Fuse for Short Circuit protection
- Instruction manual.
- Connections are brought out through 4mm Colored Sockets.
- Patch Cords 4mm.
- The trainer is housed in Metal Cabinet.
- Size of the trainer set 15"x11"



### Optional Accessories:

- Multimeter.