



55858 Experimental Set-up has been designed specifically to determine E.C.E. of copper using a Copper Voltmeter. The set-up consists of Copper Voltmeter, Battery Eliminator, Ammeter, Digital stop clock etc. The set-up is complete in all respect and requires no other apparatus. Practical experience on this set up carries great educative value for Science and Engineering Students.

#### OBJECT

01 To determine E.C.E. of copper using a Copper Voltmeter.

#### FEATURES

The Complete Experimental Set up consists of the following :

- 01 Copper Voltmeter.
- 02 Battery Eliminator: 0-5V D.C. at 3A continuously variable regulated and short circuit protected.
- 03 D.C. Ammeter : 65mm round dial, mounted on bakelite stand, to read 0-3A.
- 04 Adequate no. of connecting wires, 100cm long.
- 05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

#### OTHER APPARATUS REQUIRED :

- 01 Chemical Balance with weight box.
- 02 Digital Stop Clock with START/STOP operation by means of toggle switch & RESET by a push button switch. It has a range of 999.9 seconds with resolution of 0.1 seconds and accuracy of  $\pm 0.01\%$  (Quartz controlled). Display is thorough 4 no's of 12.5mm bright Seven Segment Displays and Working voltage of the unit is 230V  $\pm$  10% 50Hz.

Note: Specifications are subject to change.

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