**Order Code - 55859**
**Determination of E.C.E. Of Copper Using A Copper Voltameter And Tangent Galvanometer**


55859 Experimental Set-up has been designed specifically to determine E.C.E. Of copper using a Copper Voltameter and Tangent Galvanometer. The set-up consists of Copper Voltameter, Tangent Galvanometer, Battery eliminator, Reversing Key, 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 Voltameter and Tangent Galvanometer.

## FEATURES

The Complete Experimental Set up consists of the following :

01 Copper Voltameter.
02 Tangent Galvanometer : having bakelite ring of 6" dia with three windings of 2, 50 and 500 turns, Compass box and the ring both can be rotated independently of the base which is fitted with leveling screws.
03 Battery Eliminator, 0-5V D.C. at 3A, continuously variable regulated and short circuit protected.
04 Reversing Key.
05 Adequate no. of connecting wires, 100cm long.
06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

## OTHER APPARATUS REQUIRED :

01 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 ±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± 10% 50Hz.
02 Physical Balance with weight box.

Note: Specifications are subject to change.

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