



55866 Experimental Set Up has been designed specifically to determine Reduction factor of a Tangent Galvanometer by using copper voltameter. The set up consists of copper voltameter, Tangent Galvanometer, Battery eliminator, Reversing key, etc.  
The set-up is complete in all respect and requires no other apparatus.

#### OBJECT

01 To determine reduction factor of a Tangent Galvanometer by using copper voltameter.

#### FEATURES

The Complete Experimental Set up consists of the following :

- 01 Copper Voltmeter.
- 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 levelling screws.
- 03 Battery Eliminator : 0-5V D.C. at 3A, continuously variable regulated and short circuit protected.
- 04 Reversing Key.
- 05 Spirit level.
- 06 Adequate no. of connecting wires, 100cm long.
- 07 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  $\pm 0.01\%$  (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.
- 02 Chemical Balance with weight box.

Note: Specifications are subject to change.

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