



55706 Experimental Set Up is a combined setup for the three experiments covered under experimental Set Ups 55703, 55704, 55705, for the study of experiments using Post Office Box. The set up is absolutely self contained and requires no other apparatus.

Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

- 01 To determine the specific resistance of the material of a wire using Post Office Box.
- 02 To determine the internal resistance of a primary cell (Leclanche Cell) by Mance's method using Post Office Box.
- 03 To determine the resistance of a Galvanometer by Kelvin's method using Post Office Box.

FEATURES

The Set up consists of the following :

- 01 Post Office Box (Dial Type).
- 02 Galvanometer 50-0-50 on bakelite Stand.
- 03 Leclanche Cell or substitute Cell Eliminator.
- 04 Decade Resistance Box, One dial in step of 100 ohms, total 1000 ohms OMEGA TYPE DRBC115R.
- 05 Resistance wire of two different gauges each of 50cm length.
- 06 Micrometer Screw Gauge.
- 07 Weight : 4 Kg. (Approx.)
- 08 Adequate no. of connecting wires, 100cm long.
- 09 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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