



55703 Experimental Set Up has been designed specifically to determine the specific resistance of the material of a wire using P.O. 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 resistance of a given wire with the help of a Post Office Box.
- 02 To find out the specific resistance of the material of the wire.

#### FEATURES

The Set up consists of the following :

- 01 Post Office Box (Dial Type).
- 02 Galvanometer 50-0-50 on a bakelite stand.
- 03 Leclanche Cell or substitute Cell Eliminator.
- 04 Resistance wire of two different gauges (18 SWG , 23 SWG : each of ½ metre length).
- 05 Micrometer Screw Gauge.
- 06 Weight : 3.7 Kg. (Approx.)
- 07 Adequate no. of connecting wires, 100cm long.
- 08 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

**Tesca Technologies Pvt. Ltd.**

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,  
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,  
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com  
Website: www.tesca.in