



55889 Experimental Set-Up has been designed specifically to determine the high resistance by leakage method by means of a Ballistic Galvanometer.

The set-up is complete in all respect and requires no other apparatus.

#### OBJECT

To determine the high resistance by leakage method.

#### FEATURES

The Set up consists of the following :

01 A board with following built-in parts :

- 1.1 DC Power Supply, 0-5V at 500mA continuously variable.
- 1.2 Fixed capacitor
- 1.3 Unknown High Megohm resistance 4 Nos.
- 1.4 Switches 4Nos. For charging , Discharging, Leakage Discharging & Tapping.
- 1.5 Mains ON/OFF switch, Fuse and Jewel light.
- 1.6 The unit is operative on 230V  $\pm$ 10% at 50 Hz. AC Mains.

02 Ballistic Galvanometer. It consists of moving coil having a fairly large periodic time and large moment of inertia. The phosphor bronze suspension strip prevents shifting of zero. Its deflection is closely proportional to current. The resistance of coil is about 500W and gives sensitivity per microcoulomb at one metre distance of about 600 mm.

03 Lamp and Scale. Lamp is of cast aluminum with heavy iron adjustable stand. It is fitted with 8 volt electric bulb through built in transformer and works on 220V AC Translucent perspex scale graduated in 25-0-25 cm is used.

04 Digital stop clock.

05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

06 Weight : 9 Kg. (Approx.)

07 Dimension : W 300 x H 125 x D 210

#### LIST OF ACCESSORIES:

01 Patch Cords 4mm length 50cm Red & Black.....3Nos.

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