



55722 Experimental Set Up has been designed specifically to determine the resistance of a given wire and the specific resistance of the material of the wire using Meter Bridge. 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 Meter Bridge.
- 02 To determine the specific resistance of the material of the wire using a Meter Bridge.

#### FEATURES

The Set up consists of the following :

- 01 Meter Bridge, two gaps, Sunmica top with sliding jockey.
- 02 Galvanometer 50-0-50, 65 mm round dial, mounted on bakelite stand.
- 03 Cell Eliminator or Leclanche Cell.
- 04 Decade Resistance Box, one dial, in step of 1 ohm, total resistance 10 ohms.
- 05 One way key.
- 06 Micrometer screw gauge.
- 07 Resistance wires of two different material each of  $\frac{1}{2}$  metre length.
- 08 Weight : 3.4 Kg. (Approx.)

Note: Specifications are subject to change.

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