

1.SENSITIVE GALVANOMETER USES

Design for students to detect the weak current or the potential difference in DC circuit.e.g., it may serve as a current detector in experiment on bridge measurement, thermocouple, electromagnetic induction and photo electric.etc.

2.SPECIFICATION

Sensitivity: 500 μ A

Deviation: 5%

Internal resistance:

Go: 60 Ω ~ 105 Ω G1: 1.5K Ω ~ 2K Ω

Operating environment:

Indoor use

Temperature : 5 $^{\circ}$ C to 40 $^{\circ}$ C

Weight: 160g (Approx.)

Dimensions: 100 \times 133 \times 97mm

3.ZERO ADJUSTMENT

(1) Before use, and for greatest accuracy, make certain that the pointer is set exactly on the zero line.

(2) If the pointer is not on the zero line, rotate the zero adjuster screw, at middle bottom of window, until pointer is directly over the zero line.

(3) It is good practice to check the zero adjustment daily since change in atmospheric conditions can cause drift in position.

4.MAINTENANCE

(1) Do not polish the window or attempt to clean it with cleaning fluid, kerosene gasoline-damage will result.

(2) Remove grease and grime with a clean dry cloth.

(3) Avoid severe continuous mechanical shock or vibration extreme temperatures or very strong magnetic fields.