

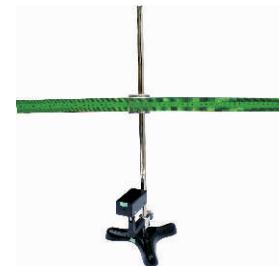


NV6107 Ballistic Galvanometer Setup illustrates fundamental information about electromagnetic induction. It concerns "how electric field affects magnetic field and also reveals the mechanism of current sensing devices". Ballistic Galvanometer setup enables not only to detect weak electric field but as well as to measures it very precisely. Ballistic power supply is included with setup, in which we can generate very weak ambient electric field and can reveal this effect to the Ballistic Galvanometer as a detected deflection of coil. Lamp and scale arrangement is included for measurement of deflection.

- ▣ **Power Supply for Ballistic Galvanometer**
- ▣ **Moving Coil with large Moment of Inertia**
- ▣ **Flexible Phosphor-Bronze Ribbon Suspension**
- ▣ **Highly Sensitive Coil**
- ▣ **Lamp and Scale Arrangement with Adjustable Stand**
- ▣ **Deflection Measurement Scale**
- ▣ **Extensive e-Manual**
- ▣ **2 Year warranty**



Ballistic Galvanometer



Lamp & Scale

Technical Specifications

Ballistic Galvanometer

Suspension Wire : Phosphor Bronze
Reflector : Concave Mirror
Coil Resistance : 100 ohm

Lamp & Scale

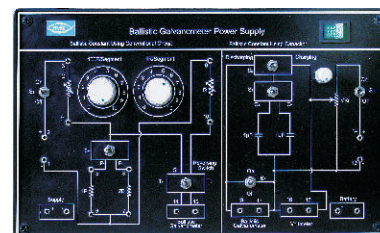
Lamp : Laser Light Source
Scale : 30 - 0 - 30 cm

Ballistic Galvanometer Power Supply

Supply Voltage : 6V
Potentiometer : 5 K
Mains : 230 V \pm 10%, 50 Hz
Fuse : 0.5 A

Scope of Learning

- Determination of Ballistic constant by steady deflection method
- Determination of Charge sensitivity of Ballistic Galvanometer using capacitors
- Comparing capacitance of two condenser using Ballistic Galvanometer
- Study the logarithmic decrement for a Ballistic Galvanometer



Manufactured by :

NVIS Technologies

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