

Product Name :
Demonstration of Electron Mass Ratio Determination

Product Code :
NLAB-SCHOOLABS17010



Description :

Demonstration of Electron Mass Ratio Determination

Technical Specification :

To determine charge-to-mass ratio of electrons. Study the Lorentz force or the motion of electrons in a magnetic field at different angles. Study the deflection of electrons in the electric field. It is also applied in the experiment to find the speed of electrons as well.

Properties

Accelerator Voltage can be adjusted 0 - 250 V

Current (Magnetizing Current) can be adjusted 0 - 2.5 A and can adjust the direction of Magnetic field

Deflector Voltage can be adjusted 50-250 V and the direction of the electric field can be adjusted.

Supplied in a black box to help see the radiation lines clearly

Uses 220 VAC 50Hz

Size 350x450x300 mm.

Naugralabequipments

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