

Product Code . JL-EMA-1065

e and m By Thomson Bar Magnet Method



Description

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- Activity : To measure e/m of Electron by Thomson Method Bar Magnet method.
- One method of demonstration modern physics in the controlled bending of stream of high speed electrons in a magnetic field.
- The actual measurement by students of the ratio of the charge on the electron to its equally minute mass imparts a stimulating sense of achievement.
- E/m apparatus has been perfected to the point where it is possible for this fundamentally important measurement to be carried out with good accuracy.
- Power Supply : E.H.T. 800V D.C. for cathode Voltage to C.R. tube. 0-100 volts D.C. with moving coil meters to measure the Deflecting voltage either y_1 or y_2 Plates.
- Cathode Ray tube fitted on wooden frame with scale divided in centimeters.
- Deflecting Magnetometer with permanent magnetic compass included.
- Compass stand, a pair of Bar Magnet.

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