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# E/m By Thomson's Method (Bar Magnet Method)

## Product Image



## Description

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It is to measure  $e/m$  of Electron by Thomson method Bar Magnet method. One Method to demonstrate modern physics in the controlled bending of beam of high speed electrons in a magnetic field. The actual measurement by student of the ration 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. 50-0-50 volts D.C. with moving coil meters to measure the deflecting voltage either X or Y 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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$E/m$  By Thomson's Method (Bar Magnet Method)

**Catalog No. 101014**

## Disclaimer

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The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.