



Address:
JAMBU PERSHAD & SONS
6275/22 Nicholson Road,
Ambala Cantt, Haryana,
INDIA
Pin: 133001

Email:
sales@japson.com
japsonambala@yahoo.com

Website:
www.japson.com
Phone:
+91-171-4006897

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

Product Image



Description

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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Catalog No. 101014

Disclaimer

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.