

Product Name :
Force on a Conductor Balance

Product Code :
NLAB-EDUSCHOOLEQ174037



Description :

Force on a Conductor Balance

Technical Specification :

It is used to demonstrate that when a current is passed through a conductor in a magnetic field, it is subjected to a force of attraction or repulsion depending upon the direction of current in it. It consists of a plastic base 160 x 140mm on which two contact pillars are mounted. Each pillar is provided with an external circuit. A balance beam is supported by the pillars on two bearings, which form the fulcrum. Two screwed masses are provided in the beam system, one moving vertically for the adjustment of sensitivity and the other moving horizontally for the adjustment of the equilibrium position, when no current is flowing. Scale marked 0 to 75 x 1mm, rider of 1 gm weight..

Naugralabequipments

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