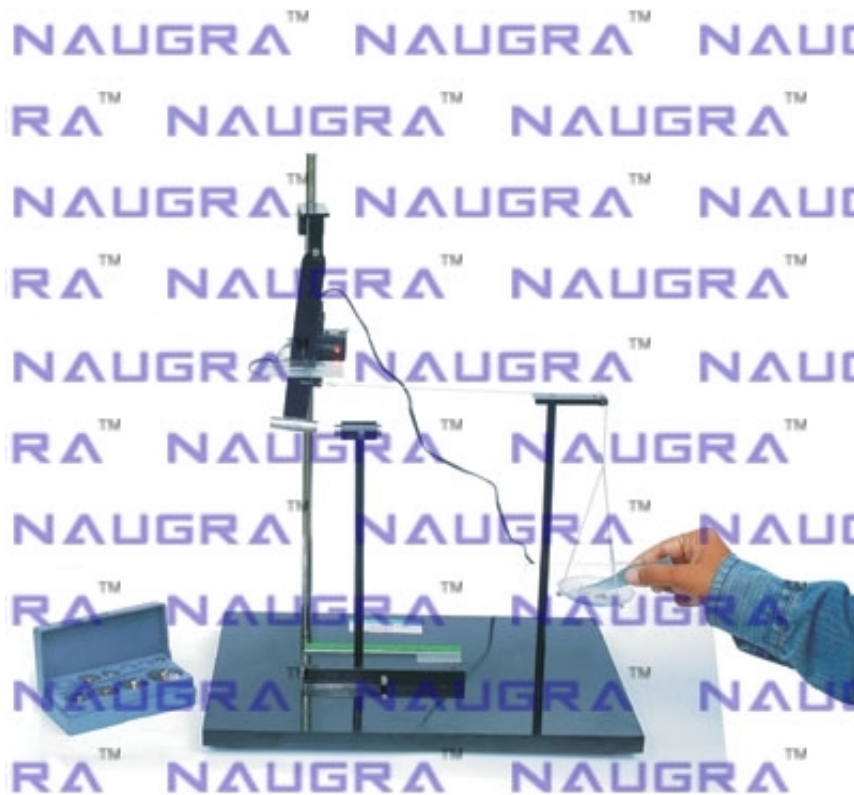


Product Name :
Coulomb's Law Demonstrator for Physics Electric Labs

Product Code :
E 05



Description :

Coulomb's Law Demonstrator - Easy way of Magnetic Force Demonstration. LED Indicator. Coulomb's Law Demonstrator - Easy way of Magnetic Force Demonstration. LED Indicator.

Coulomb's Law Demonstrator is an important setup to understand the conceptual aspect of Coulomb's law. Coulomb's law states that the force between two electrical charges is proportional to the product of the charges, and inversely proportional to the square of the distance between them. Coulombic force is one of the principle force involved in atomic reactions. Coulomb's Law is applicable for Electric field, Gravitational field and Magnetic field. In this product Magnetic force is used for Coulomb's Law Demonstration. A pair of Magnets of constant and equal pole strength are mounted horizontally with varying distance. It allows the Inverse Square law to be verified with reasonable accuracy. A simple balance system is developed to measure force between two magnets in end on position.

Easy way of Magnetic Force Demonstration

LED Indicator

Infrared light detection for balancing

Complete Training Setup

Learning material CD

Technical Specification :

Coulomb's Law Demonstrator

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