

Product Code . JL-BE-10496

Electricity Lab



Description

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The experiments given with electricity lab kit will develop a clear understanding of series and parallel circuits, electromagnetic induction, coil behavior with AC and DC circuits, diode and transistor characteristics etc.

Electricity Lab Equipment is a versatile Training System for the laboratory.

This simple training system provides a strong platform for detailed studies in electricals and electronics.

It is designed such that all the basic electrical circuits can be tested.

Electricity Lab Manufacturer, Electricity Lab Suppliers, Electricity Lab India, Electricity Lab Exporter, buy Electricity Lab, Basic Electronics, Electricity Lab India, Electronics, Electricity Lab, Electricity Lab Manufacturer, Educational Lab Equipment, buy Electricity Lab Online India.

Features:-

Complete set of coils and cores to understand the Basics of Electromagnetic induction and Transformers

Provided with a component box to perform all the experiments

Stand-alone operation

Durable, Easy to use kit

CBT covering all the experiments

Online product tutorial

Includes all the Basic Electrical fundamentals

Solderless connections

Scope of Learning:-

Study of Oersted experiments

Convert a Galvanometer into Voltmeter and Galvanometer into Ammeter

Study of the Resistances individually as well as in series and in parallel connections

Study of the Ohm's Law mathematical relationship between three variable Voltage (V), Current (I) and Resistance (R)

Study of the Kirchhoff's Law for electrical circuits

Construct and study a step-down transformer and step up transformer

Faraday's Law of electromagnetic induction

Phenomenon of mutual induction

Study of the R-C circuit and L-C circuit and find out its behavior as resonance circuit

Study of the characteristics of a semiconductor diode and transistor

Study of the Lenz's Law and effect of Eddy current

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