# Electricity and Electromagnetism set

EQ350C

## Function

Intended for experimental study, physics laboratory and carrying out physics experiments on: electric charges, electric field effects, electric wind, tourniquet, leaf electroscope, charge distribution on a conductor, discharge in gases under atmospheric pressure, lines of force, lightning rod, Faraday cage, tip power, electric potential, dielectric strength, resistors, electrical resistance, Ohms law, ohmic and non-ohmic resistors, electric circuits, electric power, internal resistances of a voltmeter and an ammeter, diode , Kirchhoffs law of meshes, Kirchhoffs law of knots, potentiometer, resistor associations, equivalent resistor, RC circuit, magnetic poles, magnetic field, magnet, Oersteds experiment, electromagnetic induction, electromagnetic force, direct current electric motor, etc.

## Knowledge areas

Physics

## Level

Graduation - Technical education - High school