SUPER A SCIENTIFIC

CHEMISTRY

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Electrolysis Apparatus

Conductivity of Solution with Glass Jar
310
Pure water does not conduct electricity very well. However, when certain substances are dissolved in water, the solution does conduct electricity. You can make a simple device that shows how well a solution conducts electricity. This device uses a flashlight bulb to indicate how well the solution conducts electricity. The better the solution conducts electricity, the brighter the bulb will glow.
Conductivity of Solution with Plastic Jar
315

Electrolysis Brownlee with Jar
498
Lets your students actually observe increases and decreases in a liquid's conductivity! Consists of a molded socket on a PVC cover, provided with binding posts for connection of two wire cords. Two electrodes are internally connected to the lamp circuit. The cover is designed to fit a clear glass tumbler. Light bulb, glass tumbler, and instructions sheets are provided. (4" x 4" x 5"; .5lb).

Student Cell Voltaic with 2 Electrodes
1822
Voltaic Cell
The voltaic cell is ideal for demonstrating the characteristics of a primary cell! Supplied with
2 electrodes, copper and zinc.
(4" x 4" x 5"; .55lb).

Student Cell Voltaic with 10 Electrodes
Voltaic Cell
1822-10
The voltaic cell is ideal for demonstrating the characteristics of a primary cell! Supplied with 10 electrodes, copper and zinc. (4" x 4" x 5"; .55lb).

Brownlee Electrolysis Apparatus
499
This is the simplest type of electrolysis apparatus. Platinum electrodes are attached to insulated connecting rods which are attached to binding posts mounted on a non-conducting support. The support rests across the top of a battery jar (not included) and has 2 clips that hold 2 inverted test tubes. The unit operates on a 6V battery or 10V DC power supply.

Contemporary Brownlee Apparatus
499-2
Brownlee Electrolysis Apparatus
New Design! This unit features several improvements over the standard Brownlee. The open front spring clips make it much easier to remove the test tubes while the tubes remain submerged. The test tubes have been graduated for a clear measurement of the volume of gas generated. The black acrylic background aids in viewing the water level while supporting the test tubes. The binding posts have been repositioned for easy access and greater safety. The unit measures 140mm x 203mm x 38mm. Instructions included.
Brownlee Electrolysis Apparatus
New Design

Electrolysis Apparatus - Ungraduated tubes
501-1
Electrolysis Apparatus
Collecting Tubes & Platinum Electrodes - An inexpensive yet functional electrolysis apparatus! The two 12-5/8" arms of the U-tube are un-graduated and open at the top. Rubber tubes and pinch clamp are used at the open ends to retain the gases. Electrolysis Apparatus, with Un-graduated Tubes.

Electrolysis Apparatus, Collecting Tubes & Platinum Electrodes
501
This Hoffman form electrolysis apparatus is designed for student experiments in electrolysis
for precise quantitative measurements. This durable, easy-to-use kit features two telescoping gas collecting tubes graduated to 10mL.
Plus, high quality platinum electrodes.

Simple Type Electrolysis Apparatus
MS802
A simple type of electrolysis apparatus with platinum electrodes attached to insulated connecting rods which are attached to binding posts mounted on a non conducting support. The support rests across the top of a battery jar (not included) and has two clips that hold two inverted test tubes. The unit operates on a 6V battery or 10V DC power supply.

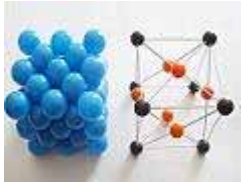
Electrolysis Apparatus with 6 Electrodes
MS805

Molecular Model

Molecular Model Set
CM-001
Set contains the appropriate numbers of atom-parts and links to make a particular structure. Durable atom-parts are made of self-colored plastic, color-coded and compatible. Easy to assemble and disassemble. Grade 6 and up

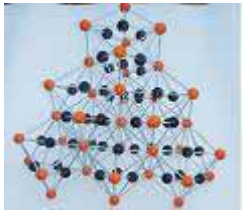
Molecular Model Set
CM-002
Set contains the appropriate numbers of atom-parts and links to make a particular structure. Durable atom-parts are made of self-colored plastic, color-coded and compatible. Easy to assemble and disassemble. Grade 6 and up

Molecular Model Set
CM-003
Set contains the appropriate numbers of atom-parts and links to make a particular structure. Durable atom-parts are made of self-colored plastic, color-coded and compatible. Easy to assemble and disassemble. Grade 6 and up



Molecular Model Set
CM-004
Set contains the appropriate numbers of atom-parts and links to make a particular structure. Durable atom-parts are made of self-colored plastic, color-coded and compatible. Easy to assemble and disassemble. Grade 6 and up

Molecular Model Set
CM-005
This model is ideal for studying structures of organic chemical compounds in three-dimensional representations of molecules. It contains 100 balls representing carbon, hydrogen, oxygen, halogens, nitrogen, and sulfur. Balls are assembled with rigid springs.



Molecular Model Set
CM-006
An economical molecular model set designed for individual activities in organic chemistry. There is no limit to the number of three-dimensional molecules which can be constructed - both polar and nonpolar. Two or more sets may be combined for more complex molecules.

Projection Air Table
101
Use this miniature air table with any suitable air source to demonstrate the random movement of molecules. Made of clear acrylic this unit can be set on an overhead projector and projected so everyone in the room can observe the movement. The molecules are colored disks with mounted magnets in each. These magnets cause each disk to repel it's neighbor and thus create an almost continuous motion.

Instructors Molecular Model
1863
Students can demonstrate univalent and multiple bonds by linking the atoms in this set, represented by colored plastic balls. In addition, with the included springs as links, they can recreate flexible bonds and ring compounds.

Student Molecular Model Set
1864
This is an excellent molecular model set for student to understand the basics of molecular structures. Colored plastic balls represent atoms, while 3 different lengths of springs represent different types of molecular bonds.