



Test Tube Holder

Carbon Rod

Power Supply Terminal

AA-E0018

ELECTROLYSIS KIT

Theory :

Electrolysis is a chemistry changes that is caused by electric energy. In this process, electrolyte is decompose in to one or more new substance when electric current flows through it. Electrolyte is a mixture of ion in a dissolve condition or in a liquid that can conduct electric current.

Two conductor that is doused into electrolyte is known as electrode. Electrode that is connected to the positive terminal of the electric source is known as anode and the electrode that is connected to the negative terminal is known as cathode.

Activity :

- Connect the circuits as shown in diagram.
- Insert the electrolyte liquid or thick copper (II) chloride liquid.
- Insert the test tube.
- Switch it on and observe the ammeter for few minutes.
- Collect the gas produce by anode and cathode.
- Test the gas that is released by anode and cathode.

