

Electrolysis of Water



MODEL - AK EW

MAKE - AK LABS

The Electrolysis of Water Kit is an educational chemistry kit designed to demonstrate the decomposition of water into hydrogen and oxygen using electric current. It helps students understand electrolysis, chemical reactions, and electrochemical principles through hands-on experiments.

KIT SPECIFICATION

Experiment	Electrolysis of Water
Subject	Chemistry & Electrochemistry
Learning Areas	Electrolysis, Electrochemical Reactions, Gas Evolution & Redox Reactions
Components	Electrolysis Apparatus, Electrodes, DC Power Supply, Test Tubes, Electrolyte Solution & Laboratory Accessories
Material	Laboratory Grade Glassware & Durable Educational Components
Application	Chemistry Practicals, Electrochemistry Experiments & STEM Learning
Suitable For	Schools, Colleges, Chemistry Laboratories & Educational Institutions

KIT DETAILS

The **Electrolysis of Water Kit** enables students to perform electrolysis experiments using standard laboratory apparatus and a low-voltage power source. It demonstrates the decomposition of water into hydrogen and oxygen gases while strengthening concepts of

electrochemistry, oxidation-reduction reactions, and gas collection techniques. Ideal for schools, colleges, chemistry laboratories, and STEM-based science education.