

## Labycare-WATER VOLTAMETER (SKSS-SE047)



### WATER VOLTAMETER

#### **Description :**

Water Voltmeter is an electrochemical apparatus used to decompose water into hydrogen and oxygen gases by electrolysis. It consists of electrodes immersed in acidulated water with graduated tubes to collect gases. It is widely used in laboratories to study electrolysis and verify the composition of water.

#### **Specifications :**

Type: Electrolysis apparatus

Electrodes: Platinum or inert metal electrodes

Electrolyte: Acidulated water (dilute sulfuric acid)

Structure: Two graduated tubes for gas collection

Power Supply: DC source

Working Principle: Electrolysis of water

Gas Ratio: Hydrogen : Oxygen = 2 : 1

Application: Electrochemistry experiments, gas collection

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