

## Labycare-DANIEL CELL (SKSS-SE051)



### DANIEL CELL

#### **Description :**

Daniell Cell is an electrochemical cell used to convert chemical energy into electrical energy. It consists of zinc and copper electrodes placed in their respective sulfate solutions, separated by a porous partition. It provides steady voltage and is widely used in laboratories to study electrochemical reactions and cell potential.

#### **Specifications :**

Type: Electrochemical (galvanic) cell

Electrodes: Zinc (anode) and Copper (cathode)

Electrolytes: Zinc sulfate ( $ZnSO_4$ ) and Copper sulfate ( $CuSO_4$ )

Separator: Porous pot or salt bridge

EMF: Approximately 1.1 V