

Electrophoresis Apparatus

Electrophoresis apparatus separates molecules based on their size and charge. It is used in molecular biology and biochemistry for DNA, RNA, and protein analysis.



Product Overview

High-Precision Electrophoresis System

This electrophoresis apparatus is an essential instrument for molecular biology and biochemistry laboratories, designed for the accurate separation of DNA, RNA, and protein molecules. By utilizing a controlled electric field within a buffer solution, the system facilitates molecular migration through a gel matrix based on size and charge characteristics. Its robust design integrates a buffer tank, precise electrodes, and a reliable gel casting system to ensure consistent experimental results for complex analytical workflows.

Technical Specifications

Included Components

- Buffer tank
- Electrodes
- Gel casting system
- Power supply

Application Fields

Molecular Biology, Biochemistry, DNA Analysis, RNA Analysis, Protein Analysis

Separation Principle

Size and charge-based migration through a gel matrix