

Submarine Gel electrophoresis System

Cat# GEL01-01

Pack Size: 1Unit



Introduction

The Submarine Gel Electrophoresis System is an instrument used for separating nucleic acids based on their size and charge. It is widely used in molecular biology research, biochemistry, and genetic analysis. This system consists of a gel chamber, casting tray and comb.

Note: The Submarine Gel Electrophoresis System (GEL01-01) by Gene to Protein Pvt Ltd does not comes with a power supply.

Features

- Compact and durable design
- Easy to use
- Efficient separation of DNA, RNA, and proteins
- Safety lid with power interruption function
- Transparent tank for easy visualization of the gel
- Suitable for small to medium-sized samples

Specifications:

- Gel size: 7 cm x 10 cm
- Number of wells: 8 wells
- Number of combs: 2
- Maximum sample capacity: 16 samples
- Recommended sample volume: 5-20 μ L per well
- Buffer volume: 500 mL
- Power requirements: 110-220 V, 50-60 Hz
- Power output: 70 W
- Dimensions (W x D x H): 20 cm x 15 cm x 10 cm
- Weight: 1.5 kg

Safety Information

- The Submarine Gel Electrophoresis System should only be operated by trained personnel.
- Always wear gloves and eye protection when handling samples and reagents.
- Never touch the electrodes or the gel when the system is in use.
- Keep the system away from sources of heat and moisture.
- Warranty:
 - The Submarine Gel Electrophoresis System is covered by a 1-year warranty from the date of purchase. Any defects or malfunctioning of the system during this period will be repaired or replaced by the manufacturer free of charge.



Package Includes

- Submarine Gel Electrophoresis System
- 8-well comb x 2
- User manual

Applications

The Submarine Gel Electrophoresis System is suitable for a wide range of applications, including:

- Separation of DNA, RNA, and proteins
- Detection of PCR products
- Analysis of plasmid DNA
- Western blotting
- DNA fragment analysis
- Restriction enzyme analysis
- Storage and Handling:
 - The Submarine Gel Electrophoresis System should be stored in a dry place at room temperature. Before use, ensure that the system is clean and free from any contaminants. Follow the user manual for proper handling and use of the system.