



### Overview

Vertical Electrophoresis System can handle up to 48 samples for efficient separation and analysis of biomolecules. It features an 800 ml buffer capacity, essential for optimal sample separation. It is crafted using high-quality thermal and elastic polycarbonate through injection molding, ensuring robustness and reliability. Our unit facilitates efficient protein transfer to nitrocellulose filter membranes or polyvinylidene fluoride for analysis

### TECHNICAL SPECIFICATIONS:-

- Sample capacity: Up to 48 samples
- Number of gel slab: 1 to 2 pcs
- Buffer capacity: 800 ml
- Gel casting material: Inspissate polycarbonate
- Gel dimension: Standard configuration: 115×130 mm
- Optional configuration: 115×100 mm
- Buffer volume: On slot buffer: 250 to 300 ml
- The following slot buffer: 800 to 1200 ml
- Transfer size: 95 × 110 mm
- Transfer tank: 1
- Sponge gasket: 4
- Comb specification: 1.0 mm thick: 12, 16, 20, 24 well
- Comb throughput: 1.0 mm, 12 well: 44 µl
- 1.0 mm, 16 well: 33 µl
- 1.0 mm, 20 well: 26 µl

*Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.*



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- 1.0 mm, 24 well: 22 µl
- Run time for SDS-PAGE: 1 to 2 hours
- Dimension: 190 × 150 × 190 mm
- Packaging dimension: 360 × 250 × 230 mm
- Net Weight: 2.5 kg

**Features :**

- >Two transfer folders for simultaneous gel transfers
- >Thick polycarbonate casting material
- >Combs offer versatile well configurations
- >Integrated ice box for small gel transfers

**Applications :**

Vertical Electrophoresis System facilitates precise separation and analysis of biomolecules like proteins and nucleic acids. It finds applications in molecular biology, genetic research, and biochemical analysis

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