

# PAPER ELECTROPHORESIS

Manufacturer of Life Science Research **Equipment** 













#### **PAPER ELECTROPHORESIS**

Paper electrophoresis used to separate charged biomolecules (like amino acids, peptides, and small proteins) on a strip of filter paper using an electric field. Instead of a gel, it uses paper as the supporting medium, typically Whatman filter paper.

#### **Horizontal Paper Electrophoresis**

- A strip of paper is laid flat (horizontally) across a support system.
- The two ends of the paper dip into buffer reservoirs connected to electrodes.
- Sample spots are applied near the center of the paper.
- An electric field is applied, and molecules migrate toward the electrode of opposite charge.

#### **Vertical Paper Electrophoresis**

- The paper is suspended vertically between two buffer chambers.
- The sample is applied at the top (or middle), and an electric field is applied vertically.
- Molecules migrate downward or upward depending on their charge.

#### **Features**

- Compact tank reduces the buffer volume
- Electrodes can be detachable and replaced by many time if needed
- Side handles for safe and easy transportation around the laboratory

#### **Complete Unit Includes**

- Buffer tank with safety lid
- Electrodes(Positive and Negative)
- Paper supporting frames
- Power cord
- User Guide





#### **Horizontal Paper Electrophoresis**





**Vertical Paper Electrophoresis** 

#### **Technical Specifications and Ordering Information:**

MODEL	EPS/H-PAPER	EPS/MINI V-PAPER	EPS/MIDI V-PAPER
Buffer Capacity	500ml	300ml	500ml
No of Strips	6	2	3
Electrode Diameter(mm)	0.2	0.2	0.2









#### Certificate of Compliance

This is to certify that the Products & spaces of class I according to the Life Science Research Equipment directive 93/42/EEC menufactured by

NAME. EPS BIOSOLATTIONS
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The Certification Body loss performed an independent trails of the above positive country exists covering the design, cannot declare and facult imprecision of the certified product. The quality system has been assessed, approved and its adjusted to containess some efficience according to the Life Science Research Economical directive 93-942-654.

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Registered on: 30.12.2022

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Under No. 3936003 as of the day 66 September 2018 in respect of

Goods and service as annexed

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## **OUR CLIENTS**

















































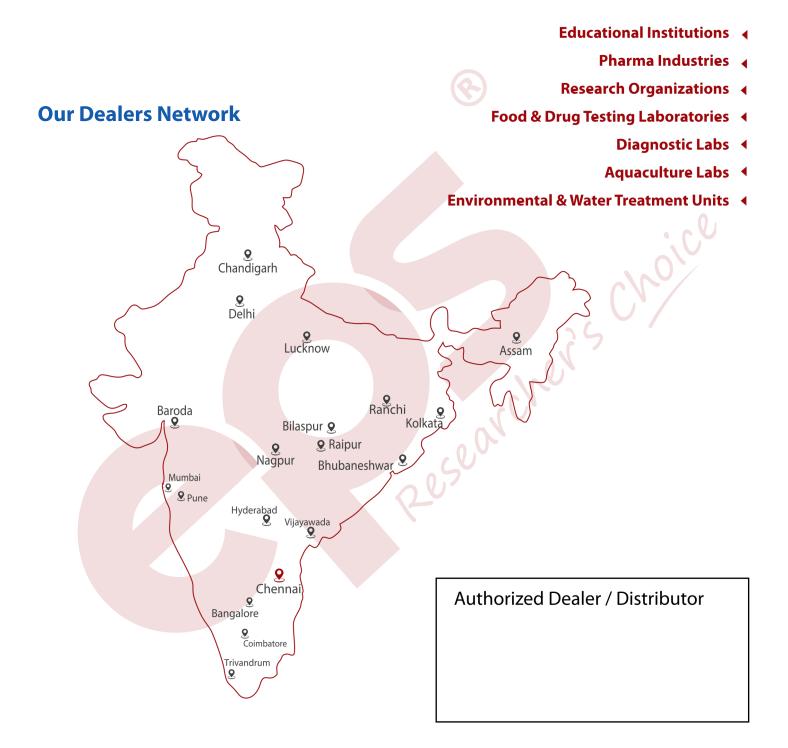












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