

PAPER ELECTROPHORESIS

Manufacturer of
Life Science Research
Equipment



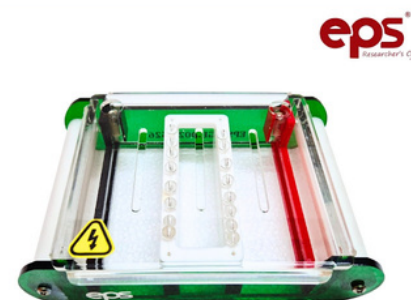
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Paper electrophoresis used to separate charged biomolecules (like amino acids, peptides, and small proteins) on a strip of filter paper using an electric field. Instead of a gel, it uses paper as the supporting medium, typically Whatman filter paper.

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.



Horizontal Paper Electrophoresis

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



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



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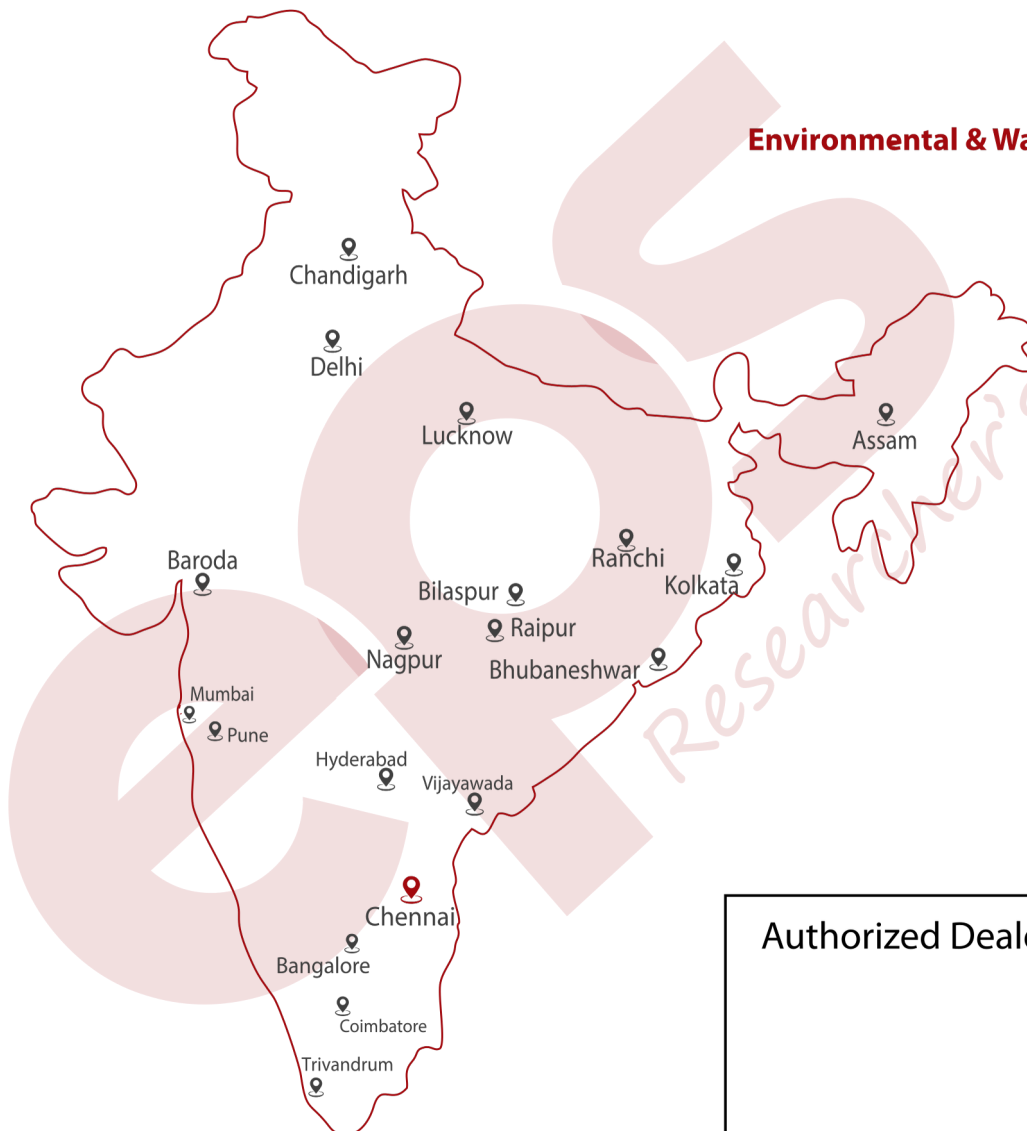
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