



POPULAR TRADERS

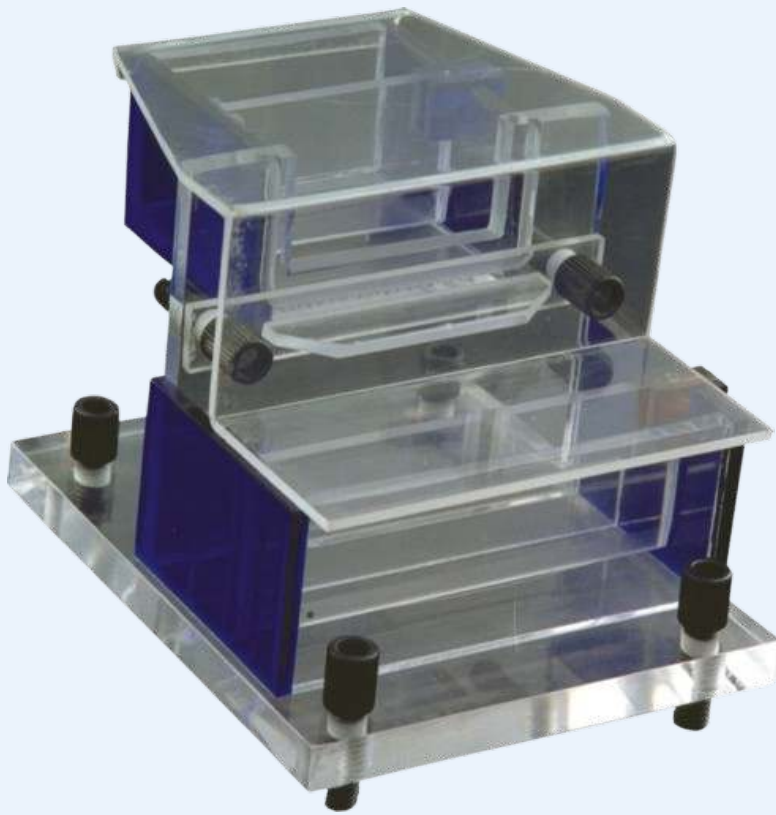
Your Partner in Laboratory & Pharmaceutical Solutions



VERTICAL SLAB GEL

PT-57 Electrophoresis Mechanism · Student Model

A compact vertical slab-gel electrophoresis mechanism for protein and nucleic-acid analysis, casting 8×7 cm gels at 0.5–1.5 mm thickness with low buffer use for student and routine labs.



CERTIFIED & COMPLIANT



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Vertical Slab

8×7 cm gel

0.5–1.5 mm

Gel thickness

7-Well Comb

Teflon, 1 mm

Student

Low buffer cost

Detachable platinum electrodes · Complete casting set included · Low buffer consumption



Technical Specifications

Parameter	Specification
Type	Vertical slab gel electrophoresis mechanism
Model	Student model
Gel Size	8 × 7 cm
Gel Thickness	0.5, 1.0 or 1.5 mm
Comb	Teflon, 7 wells, 1 mm
Spacers	1 mm (3 nos)
Electrodes	Detachable platinum electrode assembly (2)
Glass Plates	Notched & rectangular set
Buffer Use	Minimised (student design)
Power Supply	Pairs with PT-52 (50–250 V)
HSN Code	9027 2000

Model Options

Cat. No.	Model	Gel Size	Samples
PT-57	Student	8×7 cm	7 wells
PT-58	Universal (lab-scale)	16×20 cm	13 wells

Optional Accessories

- PT-57/05 — Spare glass-plates set (8×7 cm gel)
- PT-58 — Universal vertical slab mechanism (16×20 cm, 13 samples)
- Spare Teflon combs (various well formats)
- Spare 1 mm spacers
- PT-52 — Electrophoresis power supply (50/100/200/250 V)

Applications

- Protein separation by size or charge (PAGE)
- DNA and RNA analysis for genetic research and diagnostics
- Genotyping and detection of genetic variations
- Verifying DNA fragments after PCR or restriction digestion
- Nucleic-acid and protein quality control in biotechnology

Why PT-57

- Casts 8×7 cm slab gels at 0.5, 1.0 or 1.5 mm thickness for flexible resolution.
- Detachable platinum electrode assembly for easy cleaning and maintenance.
- Complete casting set — glass plates, comb, spacers and clamps — supplied.
- Student design keeps buffer consumption and running cost low.

Standards & Quality

- Supplied ready to run with levelling screws and connecting cord.
- Suited to teaching labs and routine research work.
- Compatible with standard PAGE gels and running buffers.

Request a Quotation

+91-9896030622 · +91-8199900060
popular1942@gmail.com