

**PT-50  
SUBMARINE GEL ELECTROPHORESIS APP.**



**PT-55  
BAR GEL POLYACRYLAMIDE  
ELECTROPHORESIS APPARATUS CIRCULAR**

Submarine gel electrophoresis apparatus is used for:

- DNA and RNA Analysis: Separating nucleic acids based on size for genetic research, diagnostics, and forensic studies.
- Protein Separation: Analyzing protein mixtures by size or charge for biochemical research and clinical diagnostics.
- Genotyping: Identifying genetic variations and mutations for medical research and personalized medicine.
- Molecular Cloning: Verifying the presence and size of DNA fragments after restriction enzyme digestion or PCR.
- Quality Control in Biotechnology: Ensuring the integrity and purity of nucleic acid and protein samples in research and production.

**PT-50, PT-51,  
PT-52 & PT-55**

## PT-50,51 SUBMARINE GEL ELECTROPHORESIS APP.

CATALOGUE NO.	GEL TRAY	COMB	RATE (₹)
PT-50	5 X 7 CM (2 Nos) 10 X 7 CM (1 Nos)	8 WELL, 1.5 MM (2 Nos) 3 WELL, 3 MM (1 Nos)	9950/-
This economy model minimized the cost of buffer and it is provided with fixed platinum electrode.			
PT-51	6 X 6.5 CM (4 Nos) 13 X 6 CM (2 Nos) 13 X 13 CM (1 Nos)	15 WELL, 1.5 MM (1 Nos) 8 WELL, 1.5 MM (2 Nos) 2 WELL, 3 MM (1 Nos)	14950/-
This is a laboratory scale model with detachable platinum electrode.			

## PT-52 POWER SUPPLY

VARI PACK is very simple to operate. It is very ideal for student practical classes & routine clinical work. It is designed to give 50,100,200 or 250 volts constantly indicated by LED on each point. Its maximum current is up to 100 mA.

(HSN-85044090)

3500-00/-

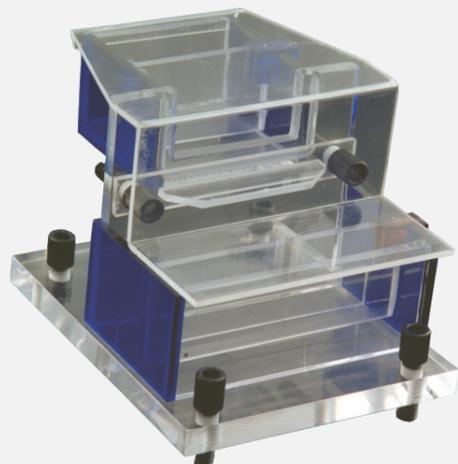
## PT-55 BAR GEL POLYACRYLAMIDE ELECTROPHORESIS APPARATUS CIRCULAR

It is a traditional mechanism meant for running 8 gel tubes of 10cm long. Acrylic pipes are used to make its circular shape cathode & anode electrode assembly is centrally mounted in circular shape, which provides uniform electrical flow. Three ventilators are provided in the lower buffer reservoir for cool air circulation.

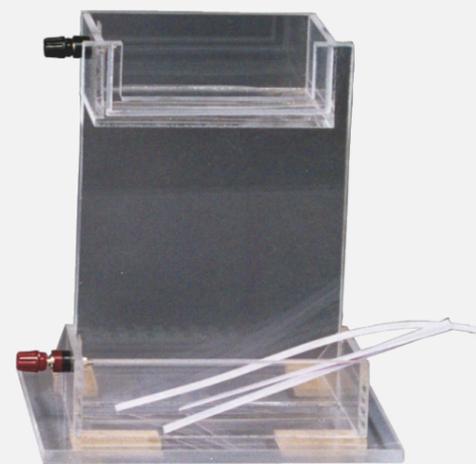
The elementary unit consists of anode reservoir (1No.) Cathode reservoir (1No.) Platinum Electrode assembly (Anode & Cathode) (2 Nos.) Glass Tubes 10 cm. (24 Nos.) Silicone Rubber Gromets Fixed & Spare (8+8 Nos.) Rubber Bungs (12 Nos.) Polythene Closers (24 Nos.), gel Casting stand (1 No.), Syringe with Needle (1 No.), Power Cord (1No.)

(HSN-90272000)

10950-00/-



**PT-57**  
VERTICAL SLAB GEL MECHANISM STUDENT



**PT-58**  
VERTICAL SLAB  
GELECTROPHORESIS  
MECHANISM - UNIVERSAL



**PT-61**  
PAPER STRIP ELECTROPHORESIS  
APPARATUS - VERTICAL



**PT-60**  
PAPER STRIP ELECTROPHORESIS  
APPARATUS - HORIZONTAL

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- Genotyping: Identifying genetic variations and mutations for medical research and personalized medicine.
- Molecular Cloning: Verifying the presence and size of DNA fragments after restriction enzyme digestion or PCR.
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**PT-57, PT-58,  
PT-60 & PT-61**

## PT-57 VERTICAL SLAB GEL MECHANISM STUDENT

This mechanism electrophoresis 8x7cm. Gel can be casted of 0.5, 1.0 or 1.5mm thickness in this mechanism. Student Model minimizes the cost of buffer.

The elementary unit consists of detachable platinum electrode assembly (2 nos.), Glass Plates Notched & Rectangular 1 set, Teflon Comb 7 wells 1 mm (1no.), Spacers 1 mm (3 nos.) clamp with screw (1 st), gasket fixed, leveling screws & connecting cord.

(HSN-90272000) 11950-00/-

### PT-57/05-SPARE PART

Glass plates set 8 x 7 cm Gel 1250-00/-

## PT-58 VERTICAL SLAB GEL ELECTROPHORESIS MECHANISM - UNIVERSAL

This is a laboratory scale mechanism. This electrophoresis 16x20 cm. & can accomplished 13 samples simultaneously. The unit consists of fixed platinum electrode assembly (2 nos), glass plates notched & rectangular 1 set, teflon comb 13 wells 1 mm, spacers 1 mm (3 nos), clamp with screws (1 set), Fixed Gasket, leveling screws and conceiting cord.

(HSN-90272000) 14950-00/-

### PT-58/05-SPARE PART

Glass plates set 16 x 20 cm Gel 1750-00/-

## PT-60,61 PAPER STRIP ELECTROPHORESIS APPARATUS WITH ANODE AND CATHODE RESERVOIR

(HSN-90272000)

MODEL NO.	TYPE	BUFFER CHAMBER	PAPER STRIPS	SAFETY SWITCH FOR CUTOFF	PLATINUM ELECTRODES	LID MATERIAL	RATE (₹)
PT-60	HORIZONTAL	2 X 550 ML	6	YES	TWO	GLASS	16950/-
PT-61	VERTICAL	2 X 200 ML	3	NO	TWO	ACRYLIC	11950/-
PT-61 A	VERTICAL	2 X 200 ML	6	NO	TWO	ACRYLIC	16950/-