



IN SUPPORT OF INNOVATIVE RESEARCH



MINI VERTICAL ELECTROPHORESIS SYSTEM



Specifications :-

Number of gels	1-4
Precast gels	precast gels
Hand cast gels	Cast using spacer plates
Glass plate size (W x L)	
Short plate	10.1 x 7.3 cm
Spacer plate	10.1 x 8.2 cm
Gel size (W x L)	
Handcast	8.3 x 7.3 cm
Precast	8.6 x 6.8 cm
Total buffer volume for 2 gels	700 ml
Total buffer volume for 4 gels	1,000 ml
Typical run times for SDS-PAGE	35 45 min (at 200 V constant)
Recommended power supply	Power B or Power BC
Dimensions (W x L x H)	12 x 16 x 18 cm
Weight	1.0 kg

The Mini P-4 Cell has set the new standard for Mini Vertical Electrophoresis: Easier to assemble, leak-proof, and with a four-gel capacity that doubles the output of the traditional cell, the Mini P-4 cell combines traditional features with higher throughput and even greater reliability.

Features Component :-

1. Cell: High transparency molded PC, clearly display the running status;
2. Electrode Assembly: runs 1-4 gels using 2 running modules, easy-to-use and leak-free.
3. Casting Stand: side-by-side design allows access to two gels simultaneously,
4. Casting Frame: Simple cam closure; no bulky clamps or thumbscrews.
5. Gaskets: Silicone rubber foaming against leakage.

6. Plastic Comb: do not inhibit polymerization and have a built-in ridge to eliminate air contact during gel casting for uniform gel polymerization
7. Glass Plate: labeled with thickness for instant identification.
8. Spacer Plate: with permanently bonded spacers guarantee perfect alignment and leak-free casting.
9. Sample Loading Guide: prevent skipped or repeated loading lanes.



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RECOMBINANT DNA BIOSCIENCES PVT.LTD. B-7,GROUND FLOOR,MAYAPURI INDUSTRIAL AREA, PHASE-1,NEW DELHI-110064,INDIA



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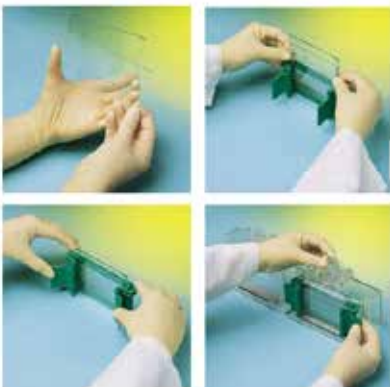
MINI VERTICAL ELECTROPHORESIS SYSTEM



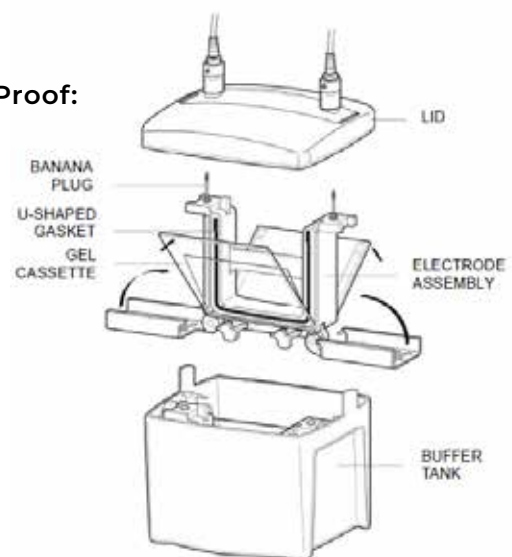
1. Cell with electrode assembly
2. Casting Stand
3. Casting Frame
4. Short Plate
5. Spacer Plate
6. Buffer Dam
7. Gel Lever
8. Combs
9. Sample Loading Guide

- Run up to 4 mini gels in less than an hour
- Run four 2-D gels in less than a day
- Evaluate sample preparation conditions
- Screen new samples and process discovery projects

Easy Assembly:



Leak Proof:



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Accessories:

Electrode
assembly



Casting
frame



Modular Cells for Many Applications

Interchangeable modules easily convert a Mini P-4 cell from one application to another. Each module fits into the same buffer tank and lid to form a complete cell. The modular configurations are:

Mini P-4 electrophoresis cell for handcast or precast PAGE gel and (SDS)-PAGE gels Mini TBC electrophoretic transfer cell for western blotting

Ordering information

Cat. No.	Product Description
MP-8000	Mini P-4 Vertical Electrophoresis System, 0.75 mm, 4 gels system Includes: Mini P-4 electrophoresis cell (4 gels), 2 casting stands, 4 casting frames, 5 sets of glass plates, 10-well combs, 5, sample loading guide, instructions
MP-8001	Mini P-4 Vertical Electrophoresis System, 1.0 mm, 4 gels system, includes: Mini P-4 electrophoresis cell (4 gels), 2 casting stands, 4 casting frames, 5 sets of glass plates, 10-well combs, 5, sample loading guide, instructions
MP-8005	Mini P-4 Vertical Electrophoresis System, 1.5 mm, 4 gels system includes Mini P-4 electrophoresis cell (4 gels), 2 casting stands, 4 casting frames, 5 sets of glass plates, 10-well combs, 5, sample loading guide, instructions
MP-8002	Mini P-4 Vertical Electrophoresis System, 0.75 mm, 2 gels, Includes: Mini P-4 electrophoresis cell (2 gels), casting stand, 2 casting frames, 5 sets of glass plates, 10-well combs, 5, sample loading guide, instructions
MP-8003	Mini P-4 Vertical Electrophoresis System, 1.0 mm, 2 gels system, includes: Mini P-4 electrophoresis cell (2 gels), casting stand, 2 casting frames, 5 sets of glass plates, 10-well combs, 5, sample loading guide, instructions
MP-8006	Mini P-4 Vertical Electrophoresis System, 1.5 mm, 2 gels system, includes: Mini P-4 electrophoresis cell (2 gels), casting stand, 2 casting frames, 5 sets of glass plates, 10-well combs, 5, sample loading guide, instructions



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MINI VERTICAL ELECTROPHORESIS SYSTEM

Companion
running module



U-gaskets,
green



Glass plates
shelf



Casting
stand
gaskets



Ordering information

Cat. No.

Product Description

MP-1100	Short Plates, 5
MP-1110	Short Plates, 10
MP-1101	Spacer Plates With 0.75 mm Integrated Spacers, 5
MP-1102	Spacer Plates With 1.0 mm Integrated Spacers, 5
MP-1103	Spacer Plates With 1.5 mm Integrated Spacers, 5
MP-1200	Combs, 0.75 mm, 10-well, 33 ul/well, 5
MP-1201	Combs, 1.0 mm, 10-well, 44 ul/well, 5
MP-1202	Combs, 1.5 mm, 10-well, 66 ul/well, 5
MP-1203	Combs, 0.75 mm, 15-well, 20 ul/well, 5
MP-1204	Combs, 1.0 mm, 15-well, 26 ul/well, 5
MP-1205	Combs, 1.5 mm, 15-well, 39 ul/well, 5
MP-1206	2-D/Prep combs 1.0 mm 5
MP-8110	Mini P-4 tank
MP-8120	Mini P-4 cell lid with cables
MP-8210	Mini P-4 electrode assembly
MP-8220	Mini P-4 companion running module
MP-8230	U-gaskets, green, 2
MP-8300	Casting stand
MP-8310	Gel levers, 2
MP-8320	Buffer dam
MP-8330	Casting stand gaskets, 2
MP-8350	Casting frame
MP-8150	Power cable
MP-8500	Sample loading guide, 10-well, yellow
MP-8550	Sample loading guide, 15-well, blue
MP-8800	Glass plates shelf



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MINI VERTICAL ELECTROPHORESIS SYSTEM

Mini Multi-Casting Chamber



Mini multi-casting chamber can be used to cast up to 12 mini gels of 0.75, 1.0, or 1.5 mm thickness simultaneously. Acrylic blocks act as space fillers when fewer than 12 gels are cast. You can cast gradient gels through a bottom filling port with gradient former to ensure reproducibility.

Specifications:

Gel Size: 8.3 x 7.3 cm

(Mini P-4 gel)

Gel Capacity: Up to 12

Acrylic blocks: 6 mm, 9

Separation Sheet: 15

Dimensions: 10 x 10 x 16 cm

- All Transparent PC molded
- Beveled Bottom ensure gels uniformity
- Higher efficiency with Mini P-4 Cell
- Bottom filling for gradient gels

Ordering Information

Cat. No.

MP-4010

Product Description

Mini Multi-Casting Chamber, includes 9 acrylic blocks, 15 separation sheets, tapered luer connector, stopcock valve (order glass plates and combs separately)

MP-4015

Acrylic blocks, 9

MP-4016

Separation Sheets, 15



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