

MAXI SUBMARINE HORIZONTAL GEL ELECTROPHORESIS WITH WATER CIRCULATION

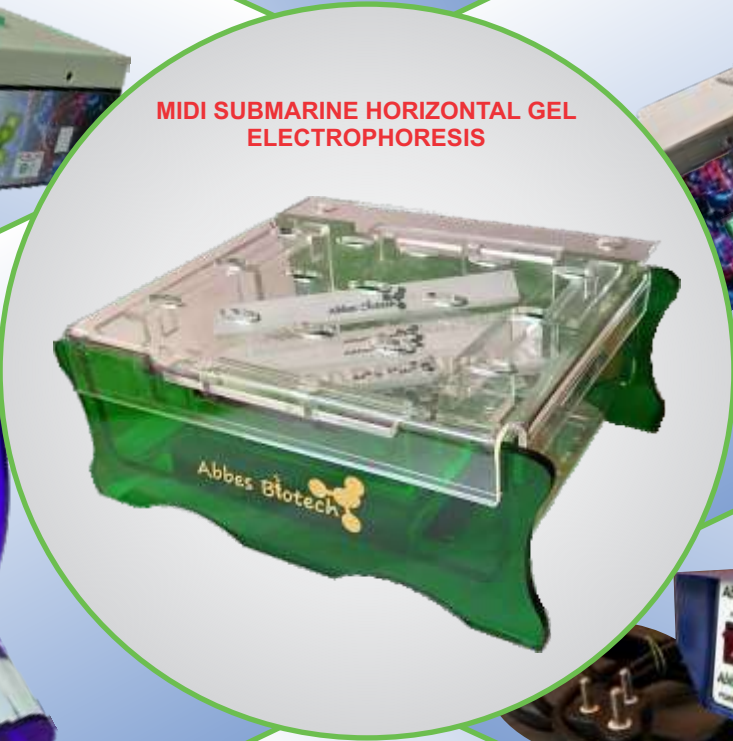


UV TRANS ILLUMINATOR REGULAR

UV TRANS ILLUMINATOR DUAL



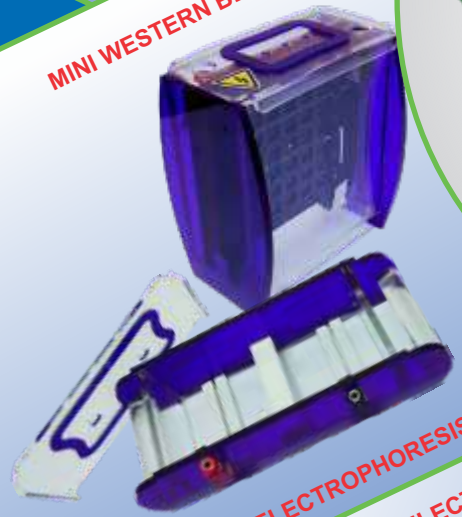
UV TRANS ILLUMINATOR JUNIOR



MIDI SUBMARINE HORIZONTAL GEL ELECTROPHORESIS



MINI WESTERN BLOTTING



POWER SUPPLY REGULAR

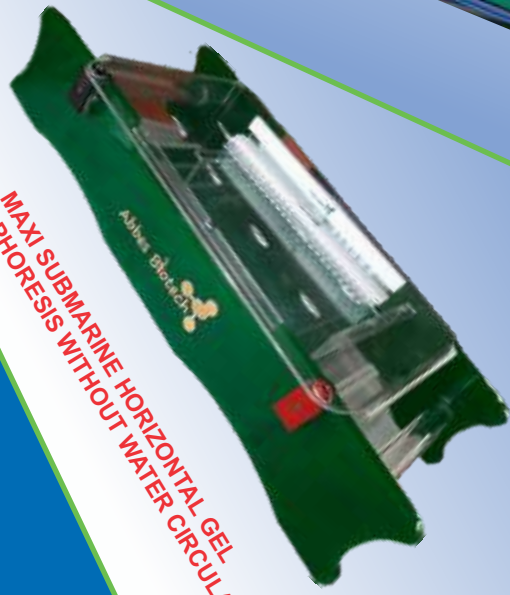


MINI IMMUNO ELECTROPHORESIS



MINI VERTICAL GEL ELECTROPHORESIS

MAXI SUBMARINE HORIZONTAL GEL ELECTROPHORESIS WITHOUT WATER CIRCULATION



MINI SUBMARINE HORIZONTAL GEL ELECTROPHORESIS



## ELECTROPHORESIS ( REGULAR)

**E**lectrophoresis is a separations technique that based on the mobility of ions in an electric field. Positive charged ions migrate towards a negative electrode and negatively – charged ions migrate towards a positive electrode. Nucleic acids are routinely separated according to their mass and structural properties by Electrophoresis on Agarose gels. Linear double stranded DNA has a constant negative charge per unit length of molecule, resulting from the phosphate backbone of the helix. Thus, they migrate towards the anode during electrophoresis at a rate that is inversely proportional to the log of the molecular mass. Electrophoresis separation of nucleic acids therefore is strictly according to size. The molecular mass of double stranded DNA fragments can be determined after electrophoresis by comparison with standards of known molecular

### Submarine (Horizontal) Gel systems

Submarine gels, often called Horizontal agarose gels, are routinely used in the laboratory to analyze DNA. Agarose gels are submerged in electrophoresis buffer in a horizontal electrophoresis apparatus. The buffer and gel form a current bridge between the two electrode chambers. Ethidium bromide is mixed in the gel matrix to enable fluorescent visualization of the DNA fragments under UV light after electrophoresis.

In addition to its importance as an analytical tool, gel electrophoresis is widely used for isolating and then purifying specific fragments of DNA, usually in preparation for sub cloning. Hence this is very commonly required procedure.

Submarine gel system are designed to suit various application related to nucleic acid separation in laboratories. These computer designed systems are made out of well-polished and clear plexiglass sheets fused together by using high-strength solvent adhesives. Our strict quality control measures ensure the unit is leak –proof and withstand heat generated due to high voltage and longer running time. Every gel systems has clear marking to indicate buffer level in gel tank. The system is complete and supplied with all accessories required to run the gel.

**Note:** we also supply custom-made gel electrophoresis apparatus & accessories (combs, etc.,) to suit your actual requirement. Please contact our technical service department for further details regarding this.

### Cautions

- Always check the wires for damage before using the unit and connect the cables to the power supply BEFORE turning the power supply ON.
- Do not use concentrated acids ,bases or halogenated and aromatic hydrocarbons.
- Never exceed maximum allowed voltage, current or power.
- To avoid damage, use extreme care when cleaning this apparatus. After each use, rinse well with deionized water.
- Wipe dry with soft cloths or paper towel, or allow to air dry.
- Never use abrasive cleaners, window sprays, or scouring pads to clean the components, as these can cause surface damage.
- Do not autoclave or dry-heat sterile the apparatus or components.
- Do not expose the apparatus or components to phenol, acetone, benzene, halogenated hydrocarbon solvents, or undiluted laboratory alcohols.
- Avoid prolonged expose of the apparatus or components to UV light.





## JUNIOR SUBMARINE GEL ELECTROPHORESIS

**CAT.NO. ES-9001-A**



## JUNIOR SUBMARINE GEL ELECTROPHORESIS

### Dimensions

- **15cm(L) X7cm(B) x6cm(H)**
- **No. Of samples: 5**
- **Buffer Volume: 150ml**

### Complete unit consists of

- Basic unit with platinum Electrode
- Gel running tray of 7 x 4 cm (1No.)
- 5- well polished acrylic comb with 1.5mm thickness (2 Nos.) (well width =5mm: Inter space =3mm)
- 4- well polished acrylic comb with 1.5mm thickness (1 Nos.) (well width =6mm: Inter space =4mm)
- Power cord with lid (1 No. each)
- User Manual

## MINI SUBMARINE GEL ELECTROPHORESIS

### Dimensions

- **20cm(L) X10cm(B) x7cm(H)**
- **No. Of samples: 8**
- **Buffer Volume: 300ml**

### Complete Unit Consists Of

- Basic unit with platinum Electrode
- Gel running tray of 7 x 5 cm (1No.) 10 x 7cm (1No)
- 8- well polished acrylic comb with 1.5mm thickness (2 Nos.) (well width =5mm: Inter space =3mm)
- 3- well polished Preparative acrylic comb with 1.5mm thickness (1 Nos.) (well width =18mm: Inter space =4mm)
- Power cord with lid (1 No. each)
- User Manual

## MINI SUBMARINE GEL ELECTROPHORESIS

**CAT.NO. ES-9001-A1**



## MIDI SUBMARINE GEL ELECTROPHORESIS

### Dimensions

- **27cm(L) X16cm(B) x8cm(H)**
- **No. Of samples: 36**
- **Buffer Volume: 400ml**

### Complete unit consists of

- Basic unit with platinum Electrode
- Gel running tray of 13 x 10cm with two comb slots (1No)
- Gel running tray of 13 x 6cm (1No)
- Gel running tray of 7 x 5cm (1No)
- 8- well polished acrylic comb with 1.5mm thickness (1 Nos.) (for 7 x5cm tray) (well width =5mm: Inter space =3mm)
- 13- well polished acrylic comb with 1.5mm thickness (2 Nos.) (well width =5mm: Inter space =5mm)
- 18- well polished acrylic comb with 1.5mm thickness (2 Nos.) (well width =4mm: Inter space =3mm)
- 3- well preparative acrylic comb with 1.5mm thickness (1 Nos.) (for 7 x5cm tray) (well width =18mm: Inter space =4mm)
- Power cord with lid (1 No. each)
- User Manual

## MIDI SUBMARINE GEL ELECTROPHORESIS

**CAT.NO. ES-9001-B1**





## MAXI SUBMARINE GEL ELECTROPHORESIS

**CAT.NO. ES-9001-B2**



## MAXI SUBMARINE GEL ELECTROPHORESIS

### Dimensions

- **37cm(L) X25cm(B) x8cm(H)**
- **No. Of samples: 60**
- **Buffer Volume: 1000ml**

### Complete unit consists of

- Basic unit with platinum Electrode
- Gel running tray of 20 x 20cm with two comb slots (1 No)
- Gel running tray of 20 x 15cm (1No)
- 26- well polished acrylic comb with 1.5mm thickness (2 Nos.) (well width =4mm: Inter space =3mm)
- 30- well polished acrylic comb with 1.5mm thickness (2 Nos.) (well width =3mm: Inter space =3mm)
- Power cord with lid (1 No. each)

## MAXI SUBMARINE GEL ELECTROPHORESIS COMPLETE WITH WATER CIRCULATION

## MAXI SUBMARINE GEL ELECTROPHORESIS COMPLETE WITH WATER CIRCULATION

### Dimensions

- 47cm(L) X25cm(B) x11cm(H)
- No. Of samples: upto 60
- Buffer Volume: 1000ml

### Complete unit consists of

- Basic unit with platinum Electrode
- Gel running tray of 20 x 20cm (1 No) with two comb slots.
- Gel running tray of 20 x 15cm (1 No) with two comb slots.
- 26- well polished acrylic comb with 1.5mm thickness (2 Nos.) (well width =4mm: Inter space =3mm)
- 30- well polished acrylic comb with 1.5mm thickness (2 Nos.) (well width =3mm: Inter space =3mm)
- Power cord with lid (1 No. each)
- User Manual

**CAT.NO. ES-9001-B3**



## GEL ROCKER

**CAT.NO. TL-9013-GR**



## GEL ROCKER

### Specifications

Speed	: 1 to 57 Rocker/min
Tilt angle	: 12°
Max. Load	: upto 5 kg
Timer	: 1 min. to 999 min ( 1 min to 16.65 Hrs)
Platform working area	: 3000 x 200mm
Dimension	: 310 x 240 x 160mm
Input Voltage	: 220V AC
Input current	: 1 Amp
Power	: 115 watts

Can be tailor made based on customers specification at extra cost

## VERTICAL GEL SYSTEMS (PAGE) ( REGULAR)

The separation of macromolecules in an electric field is called electrophoresis. SDS-PAGE stands for sodium dodecyl sulphate (SDS) polyacrylamide gel electrophoresis (PAGE) and is useful for molecular weight analysis of proteins. SDS is a detergent that dissociate and unfolds oligomeric proteins into its subunits. The SDS binds to the polypeptides to form complexes with fairly constant charge to mass ratios. The electrophoretic migration rate through a gel is therefore determined only by the size of



the complexes. Molecular weights are determined by simultaneously running marker proteins of known molecular weight.

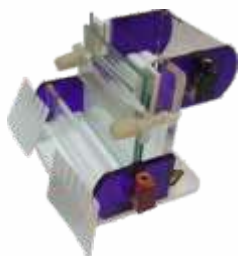
Protein separation by SDS-PAGE is used to determine the relative abundance of major proteins in sample, their approximate molecular weights, and in what fractions they can be found. The purity of protein samples can be assessed.

Vertical gel systems are designed to suit various application related to protein separation in laboratories. These computer designed systems are made out of well-polished and clear plexiglass sheets fused together by using high-strength solvent adhesives. Our strict quality control measures ensure the unit is leak-proof and withstand heat generated due to high voltage and longer running time. Every gel systems has clear marking to indicate buffer level in gel tank. The system is complete and supplied with all accessories required to run the gel.

Note: we also supply custom-made gel electrophoresis apparatus & accessories (combs, etc.,) to suit your actual requirement. Please contact our technical service department for further details regarding this.

#### VERTICAL SLAB MINI GEL ELECTROPHORESIS (PAGE)

**CAT.NO. VG-9002-A**



#### VERTICAL SLAB MINI GEL ELECTROPHORESIS (PAGE)

##### Dimensions

- **13cm(L) X10cm(B) x12cm(H)**
- **No. Of Samples : 7**
- **Buffer Volume: 250ml (including upper and lower tanks)**

##### Complete unit consists of

- Basic unit with platinum Electrode
- Gel plate notched & rectangular to run 8 x7cm gel (2 Sets)
- Glass plate Size : 10 x10cm; thickness :4 mm
- 7-well polished Acrylic/Teflon comb with 1 mm and 1.5mm thickness (1 No.each) (well width =7mm: Inter space =3mm)
- Acrylic/Teflon Spacer with thickness of 1 mm & 1.5mm (3 Nos. each)
- Gel Costing Stand (1 No.)
- Supporting Clamp (1 No.)
- Screws (5 Nos.) and Metal Clips (2 Nos.)
- Power cord with lid (1 No. each)
- User Manual

#### VERTICAL SLAB MIDI GEL ELECTROPHORESIS (PAGE)

##### Dimensions

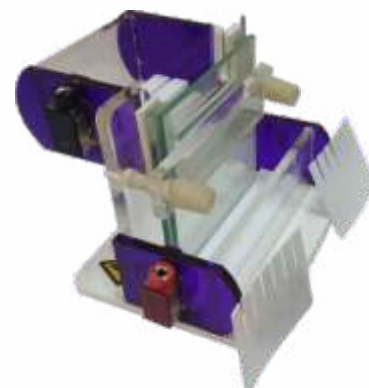
- **25cm(L) X19cm(B) x20cm(H)**
- **No. Of Samples : 13**
- **Buffer Volume: 300ml (including upper and lower tanks)**

##### Complete unit consists of

- Basic unit with platinum Electrode
- Gel plate notched & rectangular to run 16 x14cm gel (2 Sets)
- Glass plate Size : 18 x18cm; Thickness :5 mm
- 13-well polished Acrylic/Teflon comb with 1 mm and 1.5mm thickness (1 No.each)(well width =6mm: Inter space =4mm)
- Acrylic/Teflon Spacer with thickness of 1 mm & 1.5mm (3 Nos. each)
- Gel Costing Stand (1 No.)
- Supporting Clamp (1 No.)
- Screws (5 Nos.) and Metal Clips (4 Nos.)
- Power cord with lid (1 No. each)
- User Manual

#### VERTICAL SLAB MIDI GEL ELECTROPHORESIS (PAGE)

**CAT.NO. VG-9002-B**





## VERTICAL SLAB DUAL MINI GEL ELECTROPHORESIS (PAGE) WITH WATER CIRCULATION (THIS SYSTEM ENABLE TO RUN TWO MINI GEL AT A TIME)

VERTICAL SLAB DUAL MINI GEL  
ELECTROPHORESIS (PAGE) WITH  
WATER CIRCULATION  
(THIS SYSTEM ENABLE TO RUN  
TWO MINI GEL AT A TIME)

**CAT.NO. VG-9002-A1**



### Dimensions

- **13cm(L) X16cm(B) x12cm(H)**
- **No. Of Samples : 14**
- **Buffer Volume: 600ml (including upper and lower tanks)**  
**Supplied with provision for water circulation**

### Complete unit consists of

- Basic unit with platinum Electrode
- Gel plate notched & rectangular to run 8 x7cm gel (3 Sets)
- Glass plate Size : 10 x10cm; Thickness :4 mm
- 7-well polished Acrylic/Teflon comb with 1 mm and 1.5mm thickness (2 No.each) (well width =7mm: Inter space =3mm)
- Acrylic/Teflon Spacer with thickness of 1 mm & 1.5mm (6 Nos. each)
- Gel Costing Stand (2 No.)
- Supporting Clamp (2 No.)
- Screws (10 Nos.) and Metal Clips (4 Nos.)
- Power cord with lid (1 No. each)
- User Manual

## VERTICAL SLAB DUAL MIDI GEL ELECTROPHORESIS (PAGE) WITH WATER CIRCULATION (THIS SYSTEM ENABLE TO RUN TWO MINI GELS AT A TIME)

### Dimensions

- **19cm(L) X23cm(B) x20cm(H)**
- **No. Of Samples : 26**
- **Buffer Volume: 800ml (including upper and lower tanks)**  
**Supplied with provision for water circulation**

### Complete unit consists of

- Basic unit with platinum Electrode
- Gel plate notched & rectangular to run 16 x14cm gel (3 Sets)
- Glass plate Size : 18 x18cm; Thickness :5 mm
- 13-well polished Acrylic/Teflon comb with 1 mm and 1.5mm thickness (2 No.each) (well width =6mm: Inter space =4mm)
- Acrylic/Teflon Spacer with thinkness of 1 mm & 1.5mm (6 Nos. each)
- Gel Costing Stand (2 No.)
- Supporting Clamp (4 No.)
- Screws (14 Nos.) and Metal Clips (8 Nos.)
- Power cord with lid (1 No. each)
- User Manual

## VERTICAL SLAB DUAL MIDI GEL ELECTROPHORESIS (PAGE) WITH WATER CIRCULATION (THIS SYSTEM ENABLE TO RUN TWO MINI GELS AT A TIME)

**CAT.NO. VG-9002-A2**



## BLOTTING SYSTEM (REGULAR)

Immunoblot commonly referred to as "western blot" (WB), is used to detect antibodies to specific epitopes of electrophoretically separated subspecies of antigens. Western blotting or immunoblotting is to determine the relative amount of protein present in deferent samples, with specific primary antibody. Development of electrophoretic transfer to suitable membrane by Towbin and others (western Blot) now permits the rapid, effective and quantitative transfer of protein and nucleic acids to immobilizing media.

In these assays, antigens are first electrophoresed and then blotted onto a piece of filter paper is the solid phase to which the antigen is bound. The filter is blocked and then reacted with appropriate tagged antibodies and then substrate. Spots can then be detected by immunoblotting. A color reaction indicates a positive test.

These spots indicate the position of the protein interest. The transfer of electrophoretically resolved





DNA, RNA, and protein to an immobilizing paper matrix has become a standard procedure for the sensitive and specific detection of biologically interesting macromolecules. Exact and reproducible replicas of separation are captured on the paper or membrane sheets. After transfer, antigens, antibodies, hormones, receptor proteins and glycoproteins can be detected by staining or by specific fluorescent (FIA), enzyme-substrate (EIA) or (RIA) assay.

Western blots allow Investigators to determine the molecular weight of the protein and to measure the relative amount of protein present in different samples.

Western Blotting System are useful for the transfer of protein samples from SDS-PAGE gel to nitrocellulose membrane support with gel cassette at high current. The cassette is submerged in a buffer tank is between anode and cathode cells.

## MINI WESTERN BLOTTING SYSTEM

**CAT.NO. BS-9004-A**



## MINI WESTERN BLOTTING SYSTEM

### Dimensions

- 11cm(L) X5cm(B) x12cm(H)
- No. Of Cassettes : 1 (8x7cm gel)
- Buffer Volume: 450ml

### Complete unit consists of

- Basic unit with platinum Electrode (+ve & -ve Electro Plate Each One)
- Gel Cassette ( 1 set)
- Filter pad (Pack of 6)
- Cushion pad (Pack of 6)
- Power cord with lid (1 No. each)
- User Manual

## POWER SUPPLY- REGULAR

- Available with a range of preset volts ( 50, 100, 150, 200 & 250V) and 100 mA Current
  - The unit is made of mild Steel with powder coated finish
  - LED indicator with safety fuse
  - Single Output
  - Safe , handy and sleek model
  - Suitable for Agarose , SDS-PAGE, Paper , Immuno electrophoresis.
  - Not suitable for blotting systems.
- Specifications

Input	: 220V AC ,50-60Hz
Output	: 50, 100, 150, 200 & 250V DC @100 mA Maximum
Fuse	: 1 Amp
Watts	: 25 Watts

## POWER SUPPLY- REGULAR

**CAT.NO. PS-9005-A**



## WHITE LIGHT TRANSILLUMINATOR

**CAT.NO. TL-9010-A**



## WHITE LIGHT TRANSILLUMINATOR

- Viewing Area of 20 x 14cm
- 4 x 8 watts compact fluorescent lamps with safety fuse.

### Specifications

Light source	: 4 x 8 watts compact fluorescent lamps
Input	: 220V AC, 50-60Hz
Fuse	: 1Amp
Housing	: Mild steel



U V TRANSILLUMINATOR - JUNIOR

CAT.NO. TL-9010-A1



U V TRANSILLUMINATOR - JUNIOR

- Viewing Area of 10 x 10cm
- UV Source with long wave length of 365nm
- 4 x 4 watts compact UV tubes with safety fuse.
- Amber hinged UV blocking cover

Specifications

UV source : 4 x 4 watts UV tube  
 Wavelength : 365nm  
 Housing : Mild steel  
 Input : 220V AC, 50-60Hz  
 Fuse : 1 Amp

U V TRANSILLUMINATOR - REGULAR

- Viewing Area of 24 x 14cm
- UV Source with long wave length of 365nm
- 4 x 8 watts compact UV tubes with safety fuse.
- Amber hinged UV blocking cover

Specifications

UV source : 4 x 8 watts UV tube  
 Wavelength : 365nm  
 Housing : Mild steel  
 Input : 220V AC, 50-60Hz  
 Fuse : 1 Amp

U V TRANSILLUMINATOR - REGULAR

CAT.NO. TL-9010-B1



U V TRANSILLUMINATOR – RESEARCH (365NM)

CAT.NO. TL-9017-R1



U V TRANSILLUMINATOR – RESEARCH (365NM)

- Viewing Area of 20 x 20cm
- UV Source with long wave length of 365nm.
- Amber hinged UV blocking cover
- Cooling Fan cum exhaust

Specifications

UV source : 4 x 8 watts UV tube  
 Wavelength : 365nm  
 Housing : Cover frame stainless steel, Bottom frame Mild steel with powder coated  
 Input : 220V AC, 50-60Hz  
 Fuse : 1 Amp

U V TRANSILLUMINATOR – RESEARCH (312NM)

- Viewing Area of 20 x 20cm
- UV Source with long wave length of 312nm.
- Amber hinged UV blocking cover
- Cooling Fan cum exhaust

Specifications

UV source : 4 x 8 watts UV tube  
 Wavelength : 312nm  
 Housing : Cover frame stainless steel, Bottom frame Mild steel with powder coated  
 Input : 220V AC, 50-60Hz  
 Fuse : 1 Amp

U V TRANSILLUMINATOR – RESEARCH (312NM)

CAT.NO. TL-9018-R1







**U V TRANSILLUMINATOR  
– RESEARCH (254NM)**

**CAT.NO. TL-9019-R1**



**U V TRANSILLUMINATOR – RESEARCH (254NM)**

- Viewing Area of 20 x 20cm
- UV Source with long wave length of 254nm
- Amber hinged UV blocking cover
- Cooling Fan cum exhaust

**Specifications**

UV source : 4 x 8 watts UV tube  
 Wavelength : 254nm  
 Housing : Cover frame stainless steel, Bottom frame Mild steel with powder coated  
 Input : 220V AC, 50-60Hz  
 Fuse : 1 Amp

**U V TRANSILLUMINATOR – DUAL (365 & 254NM)**

- Viewing Area of 20 x 20cm
- UV Source with long wave length 365 & Short Wave length 254nm
- Amber hinged UV blocking cover
- Cooling Fan cum exhaust

**Specifications**

UV source : 4 x 8 watts UV tube  
 Wavelength : 254nm  
 Wavelength : 365nm & 254nm  
 Housing : Cover frame stainless steel, Bottom frame Mild steel with powder coated  
 Input : 220V AC, 50-60Hz  
 Fuse : 1 Amp

**U V TRANSILLUMINATOR  
– DUAL (365 & 254NM)**

**CAT.NO. TL-9020-R1**



**UV-VIS TRANSILLUMINATOR  
– REGULAR**

**CAT.NO. TL-9011-R1**



**UV-VIS TRANSILLUMINATOR – REGULAR**

- Viewing area of UV is 14 x 24 cm and white light is 14 x 24 cm
- UV Source with long wave length of 365nm
- 4 x 8 watts UV tubes along with 4 x 8 watts compact fluorescent lamp with safety fuse
- Amber & Transparent hinged blocking cover
- Cooling Fan cum exhaust

**Specifications**

Viewing area : UV 14x20cm & white 14x20cm  
 UV Source : 4 x 8 watts UV tube  
 White source : 4x 8 watts compact fluorescent lamp  
 Wavelength : 365nm  
 Housing : Mild steel with powder coated  
 Input : 220V AC, 50-60Hz  
 Fuse : 2 Amp

**UV-VIS TRANSILLUMINATOR – RESEARCH**

- Viewing area of UV is 20 x 20 cm and white light is 20 x 20 cm
- UV Source with Mid wave length of 312nm
- 4 x 8 watts UV tubes along with 4 x 8 watts compact fluorescent lamp with safety fuse
- Amber & Transparent hinged blocking cover
- Cooling Fan cum exhaust

**Specifications**

Viewing area : UV 20x20cm & white 20x20cm  
 UV Source : 4 x 8 watts UV tube  
 White source : 4x 8 watts compact fluorescent lamp  
 Wavelength : 312nm  
 Housing : Cover frame stainless steel, Bottom frame Mild steel with powder coated  
 Input : 220V AC, 50-60Hz  
 Fuse : 2 Amp

**UV-VIS TRANSILLUMINATOR  
– RESEARCH**

**CAT.NO. TL-9011-R2**





## ELECTROPHORESIS SYSTEMS

S.No	Cat.No	Product	Pack	Price
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### I. SUBMARINE (HORIZONTAL) GEL ELECTROPHORESIS SYSTEMS

482	ES-9001-A	JUNIOR SUBMARINE GEL ELECTROPHORESIS - 15cm(L)x 7cm(B) x 6cm (H)	SET	3400
483	ES-9001-A1	MINI SUBMARINE GEL ELECTROPHORESIS - 20cm(L)x10cm(B)x7cm (H)	SET	5650
484	ES-9001-B1	MIDI SUBMARINE GEL ELECTROPHORESIS - 27xm(L) x 16cm(B)x 8 cm(H)	SET	9950
	ES-9001-B2	MAXI SUBMARINE GEL ELECTROPHORESIS - 37cm(L)x25cm(B)x8 cm (H)	SET	13200
	ES-9001-B3	MAXI SUBMARINE GEL ELECTROPHORESIS		
		Complete with Water Circulation - 47cm(L) x 25cm (B)x 11cm (H)	SET	16800

### II. VERTICAL GEL ELECTROPHORESIS SYSTEMS ( PAGE )

485	VG-9002-A	VERTICAL SLAB MINI GEL ELECTROPHORESIS (PAGE) -13cm(L) x 10 cm(B) x 12cm (H)	SET	7500
	VG-9002-B	VERTICAL SLAB MIDI GEL ELECTROPHORESIS (PAGE) -25cm(L)x19cm(B)x20cm (H)	SET	12850
486	VG-9002-A1	VERTICAL SLAB DUAL MINI GEL ELECTROPHORESIS (PAGE )		
		With Water Circulation-13cm(L)x16cm(B)x12cm(H)	SET	11975
	VG-9002-A2	VERTICAL SLAB DUAL MIDI GEL ELECTROPHORESIS (PAGE )		
		With Water Circulation-19cm(L)x23cm(B)x20 cm(H)	SET	16950
	VG-9002-A3	DNA SEQUENCER - NARROW TYPE	SET	POR
	VG-9002-A4	DNA SEQUENCER - WIDER TYPE	SET	POR

### III. PAPER GEL ELECTROPHORESIS SYSTEMS

487	PG-9003-A	MINI VERTICAL PAPER ELECTROPHORESIS - 15m(L) x 15cm (B) x 27 cm (H)	SET	8500
	PG-9003-B	MIDI VERTICAL PAPER ELECTROPHORESIS - 30cm (L) x 15 cm (B) x 27 cm (H)	SET	11100
	PG-9003-C	HORIZONTAL PAPER ELECTROPHORESIS - 20cm(L) x 29 cm (B) x 7 cm (H)	SET	9750

### IV. BLOTTING SYSTEMS

488	BS-9004-A	MINI WESTERN BLOTTING SYSTEM - 11cm (L) x 5 cm x 12 cm (H)	SET	15525
	BS-9004-B	MINI DUAL WESTERN BLOTTING SYSTEM		
		With Water Circulation - 16cm (L) x 12 cm (B) x 13 cm (H)	SET	18975
489	BS-9004-A1	MIDI WESTERN BLOTTING SYSTEM - 19cm x(L) x 7 cm (B) x 22 cm (H)	SET	20990
	BS-9004-A2	MIDI DUAL WESTERN BLOTTING SYSTEM		
		With Water Circulation - 18cm (L) x 15cm(B) x 22cm (H)	SET	26350
	BS-9004-A3	MINI SEMI DRY BLOTTING SYSTEM (10 X 10 cm GEL) 17cm(L)x 17cm (B)x 9cm (H)	SET	13575
	BS-9004-A4	MIDI SEMI DRY BLOTTING SYSTEM (20 X 20 cm GEL) 17cm(L)x 17cm (B)x 9cm (H)	SET	19800
	BS-9004-A5	MINI SEMI DRY BLOTTING SYSTEM Advanced(10 X 10 cm GEL)	SET	33850
	BS-9004-A6	MINI SEMI DRY BLOTTING SYSTEM Advanced (20 X 20 cm GEL)	SET	53475
490	BS-9004-B1	SOUTHERN BLOTTING SYSTEM	SET	8350
	BS-9004-B2	MINI ROD TUBE GEL SYSTEM (RECTANGULAR TYPE)	SET	8350
	BS-9004-B5	MIDI ROD TUBE GEL SYSTEM (RECTANGULAR TYPE)	SET	12600
	BS-9004-B3	2D PAGE MINI SYSTEM	SET	15850
	BS-9004-B4	2D PAGE MIDI SYSTEM	SET	25450

### V. IMMUNO GEL ELECTROPHORESIS SYSTEM (Regular)

491	IG-9022-A	MINI HORIZONDAL IMMUNO GEL ELECTROPHORESIS	SET	4850
	IG-9022-B	MIDI HORIZONDAL IMMUNO GEL ELECTROPHORESIS	SET	8575

### VI. ELECTROPHORESIS POWER SUPPLIES

492	PS-9005-A	POWER SUPPLY - REGULAR	SET	4500
	PS-9005-B	POWER SUPPLY - REGULAR DUAL	SET	6250
493	PS-9006-A	POWER SUPPLY 300 - ADVANCED	SET	16250



S.No	Cat.No	Product	Pack	Price
	PS-9006-B	POWER SUPPLY 300 - ADVANCED DUAL	SET	24375
494	PS-9007-A	POWER SUPPLY 400 - ADVANCED	SET	47500
495	PS-9008-A	POWER SUPPLY 500 - ADVANCED	SET	48750
496	PS-9009-A	POWER SUPPLY HC	SET	ENQUIRY
	PS-9009-B	POWER SUPPLY HV	SET	ENQUIRY

## VII. UV TRANSILLUMINATORS

497	TL-9010-A	WHITE LIGHT TRANSILLUMINATORS	EACH	10500
498	TL-9010-A1	UV TRANSILLUMINATOR - JUNIOR	EACH	12750
	TL-9010-B1	UV TRANSILLUMINATOR - REGULAR	EACH	24875
		<b>UV TRANSILLUMINATOR - RESEARCH (365nm)</b>		
499	TL-9017-R1	UV TRANSILLUMINATOR - RESEARCH (365nm) 20 X 20cms 6nos X 8watts	EACH	47500
	TL-9017-R2	UV TRANSILLUMINATOR - RESEARCH (365nm) 26 X 26cms 10nos X 8watts	EACH	55000
	TL-9017-R3	UV TRANSILLUMINATOR - RESEARCH (365nm) 20 X 40cms 12nos X 8watts	EACH	59375
		<b>UV TRANSILLUMINATOR - RESEARCH (312nm)</b>		
500	TL-9018-R1	UV TRANSILLUMINATOR - RESEARCH (312nm) 20 X 20cms 6 nosX 8watts	EACH	83750
	TL-9018-R2	UV TRANSILLUMINATOR - RESEARCH (312nm) 15 X 30cms 8nos X 8watts	EACH	95000
	TL-9018-R3	UV TRANSILLUMINATOR - RESEARCH (312nm) 20 X 40cms 10nos X 8watts	EACH	109375
		<b>UV TRANSILLUMINATOR - RESEARCH (254nm)</b>		
501	TL-9019-R1	UV TRANSILLUMINATOR - RESEARCH (254nm) 20 X 20cms 6 nos X 8watts	EACH	75000
	TL-9019-R2	UV TRANSILLUMINATOR - RESEARCH (254nm) 15 X 30cms 8nos X 8watts	EACH	86250
	TL-9019-R3	UV TRANSILLUMINATOR - RESEARCH (254nm) 20 X 40cms 10nos X 8watts	EACH	100625
		<b>UV TRANSILLUMINATOR - Dual(365 &amp; 254nm)</b>		
502	TL-9020-R1	UV TRANSILLUMINATOR - Dual(365 X 254nm) 20 X 20cms 3X8 + 3X8 watts	EACH	52125
	TL-9020-R2	UV TRANSILLUMINATOR - Dual(365 X 254nm) 15 X 30cms 4X8 + 4X8 watts	EACH	71875
	TL-9020-R3	UV TRANSILLUMINATOR - Dual(365 X 254nm) 20 X 40cms 5X8 + 5X8 watts	EACH	73750
		<b>UV TRANSILLUMINATOR - Dual(312&amp; 365nm)</b>		
503	TL-9021-R1	UV TRANSILLUMINATOR - Dual(312 X 365nm) 20 X 20cms 3X8 + 3X8 watts	EACH	80000
	TL-9021-R2	UV TRANSILLUMINATOR - Dual(312 X 365nm) 15 X 30cms 4X8 + 4X8 watts	EACH	90000
	TL-9021-R3	UV TRANSILLUMINATOR - Dual(312 X 365nm) 20 X 40cms 5X8 + 5X8 watts	EACH	92500

## VIII. UV VIS TRANSILLUMINATORS

504	TL-9011-R1	UV VIS - TRANSILLUMINATOR - REGULAR	EACH	35000
	TL-9011-R2	UV VIS - TRANSILLUMINATOR - RESEARCH	EACH	95000

## IX. OTHER EQUIPMENTS

505	TL-9011-HL	UV HAND HELD LAMP	EACH	12125
506	TL-9012-WS	PCR WORKSTATION - 40cm(L)x50cm(W)x60cm(H) COMPACT	EACH	53750
	TL-9012-WS1	PCR WORKSTATION - 60cm(L)x60cm(W)x70cm(H) REGULAR	EACH	61875
507	TL-9013-GR	GEL ROCKER	EACH	19375
	TL-9013-GRE	GEL ROCKER with Electronic Timer	EACH	21875
508	PH-9014	PH METER	EACH	9950
	PH-9014 - A	PH Electrode	EACH	2375
509	CC-9015	COLONY COUNTER	EACH	21625
510	UVS-9016	UV SHIELD	EACH	7000