

150000501 Universal Power Pack



Characteristic feature

- Molding shell, touch keys, dual core microprocessor intelligent control;
- 0-9 digital button, make the operation more simple and convenient;
- Indicate the preset value and the actual output value at the same time;
- It can store 100 electrophoresis methods;
- With automatic memory function;
- With step-by-step control function (editable 10 groups, each group of up to make 10 program automatic connection operation);
- With a pause control function (including real-time tuning)
- With standard, timing, V-hr, step-by-step operation function;
- With constant voltage, constant current, constant power, misoperation, fault intelligent prompt functions;
- Automatic detection of no-load, over-load, short circuit, rapid resistance change, ground leak and system overheating.

Type of Output: Constant-Voltage, Current or Power

Increment: 1V, 1mA, 1W

Timer Range: 1min~99hr, 59min

V-hr Range: 1~99999V-hr/ Increment 1V-hr

Display: LCD display with backlight

Output jacks: **Four sets of output jacks**

Model No	Output Range	Price Rs.
UPP-200E	5--200V, 1--2000mA, 1--200W	87,500.00
UPP-300E	5--300V, 1--400mA, 1--120W	72,800.00
UPP-300HE	5--300V, 1--1500mA, 1--450W	89,000.00
UPP-600E	10--600V, 1--500mA, 1--300W	89,000.00
UPP-600HE	10--600V, 1--1000mA, 1--300W.	1,00,500.00

150000502 Basic Power Pack

Technical feature

Type of Output: Constant-Voltage, Current
 Increment: 1V, 1mA
 Timer Range: 1min~9hr, 59min
 Display: LED
 Output jacks: Two sets of output jacks

Characteristic feature

- Molding shell, touch keys, microprocessor intelligent control;
- With automatic memory function;
- With standard, timing operation function;
- Automatic detection of no-load, over-load.



Model No	Output range	Price Rs.
BPP-300	5~300V、1~300mA、maximum 90W	57,000.00
BPP-600	5~600V、1~200mA、maximum 120W	62,500.00

150000803 Power Pack

Technical feature

- Body made of ABS plastic injection moulded and is shock proof.
- Microprocessor based, programmable, Electrophoresis power supply.
- Variable voltage 0-300V.
- Variable current 0-500mA.
- Digital timer 9 hr. 99 minutes programmable
- Digital display of voltage and current thru 2 line 22 character LCD display.
- Digital display of timer in respect to set time and run time.

For single unit use at a time(EP-2)/Four unit can be run simultaneously(EP-3).

- To work on 220 volts 50 Hz A.C.
- Supply is complete with cord & plug.

Model no	Unit Use	PRICE Rs.
PP-EP-2	Single Unit Use	33,000.00
PP-EP-3	Four Unit can be run simultaneously	46,000.00



160000501 Horizontal Gel Electrophoresis

Characteristic feature

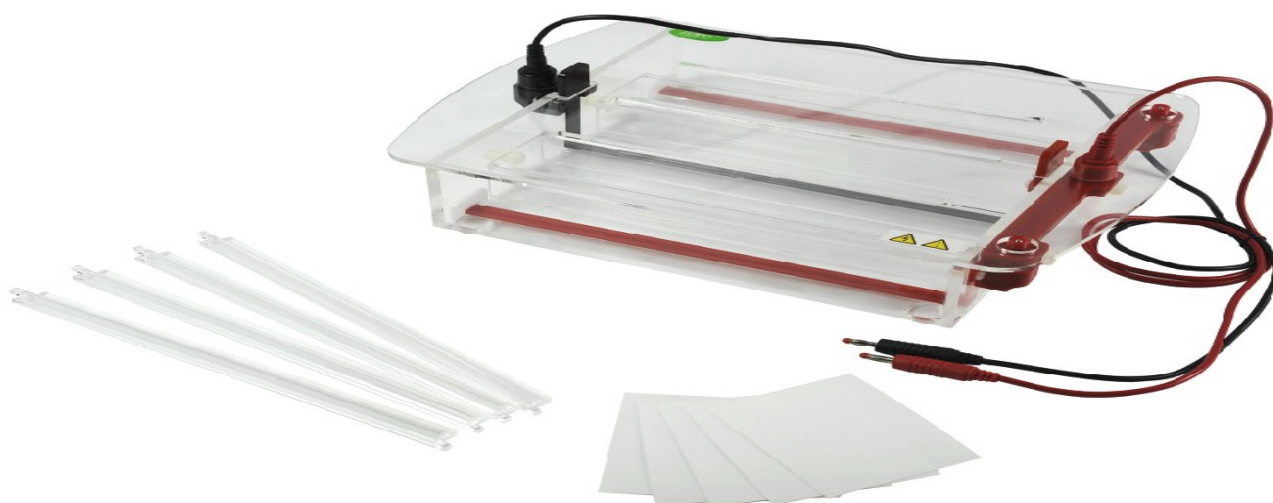
- Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- Unfolded electrodes make repair and parts replacement easy and quick.
- With the sample background color design on the tray, convenient to adding the sample.
- The transparent top lid effectively prevents liquid in the cell from volatilizing and avoids electricity leakage.
- Auto-switch-off when the lid is removed.



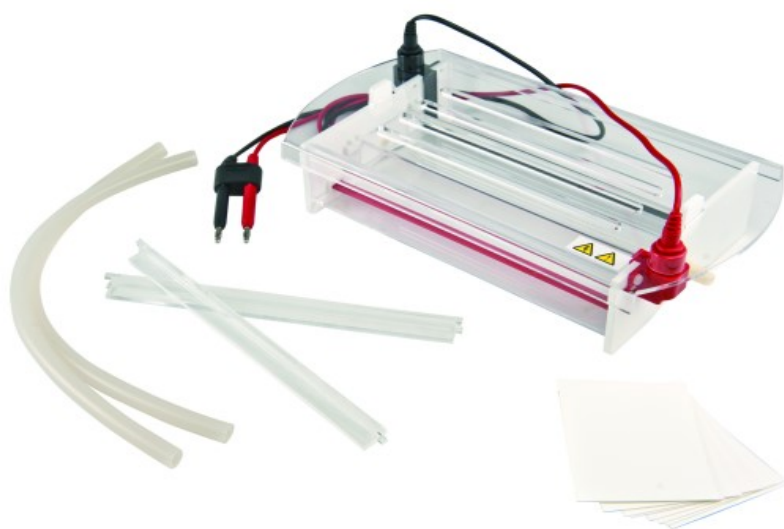
Model No	Gel Size (W×L) mm	No of Samples	Sample volume Wells	Buffer Volume	Dimension (L×W×H) (mm)	Net weight (kg)	PRICE Rs.
HGE-MiniA	48×75	3~18	3, 5 & 9 (1.0&1.5)	150ml	250×90×50	0.4	21,500.00
HGE-MiniB	78×100	10~30	10, 15. (1.0&2.0)	400ml	365×105×55	0.6	29,500.00
HGE-WideMiniC	60×60; 120×60; 60×120; 120×120	1~100	3, 13, 18&25. (1.0&1.5)	550ml.	300×160×75	1.1	39,000.00
HGE-MidiD	140×14; 140×70; 70×70	1~87	3,14,17&29. (1.0&1.5)	900ml.	390×187×63	2.0	44,500.00
HGE-LargeG	200×200; 200×150; 200×100	17~104	17, 22, 36, 44 (1.0&1.8)	1800ml.	397×230×93	3.3	61,500.00
HGE-WideLargeH	245×250	19~364	19,26,44&52 (1.0&1.8)	2000ml.	487×300×93	3.8	71,500.00

Packing List of HGE-MiniA	Packing List of HGE-MiniB	Packing List of HGE-WideMiniC																																																																																				
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160000502 Cellulose Acetate Membrane Electrophoresis



CAME-7



CAME-7A

Packing List of CAME-7/7A

Parts name	Packing quantity
Body tank with electrode	1
Adjusting rod	2
Cellulose Acetate Membrane	10
Cooling pipe	2
Electrical Cables	1

Characteristic feature

- The CAME-7 is updated from the CAME-7A with a double-bridge style design;
- With a cooling , which can make the electrophoresis process under constant temperature;
- You can adjusting the position of the adjusting rod according to the medium length, to meet the different electrophoretic distance.
- Unfolded electrodes make repair and parts replacement easy and quick.
- Auto-switch-off when the lid is removed.

Model No	Bridge Size (W×L):	Buffer Volume	Dimension (L×W×H)	Net weight	Price Rs.
CAME-7	70×250mm×2; 90×250mm×2.	1000ml.	350×260×65 (mm)	1.6 (kg)	39,900.00
CAME-7A	66×250mm; 82×250mm.	560ml	318×175×65 (mm)	1.0 (kg)	31,500.00

160000503 Rapid Gel Electrophoresis (MODEL: RGE-3)

Characteristic feature

- Fast electrophoresis running speed, the whole process can be finished within 15mins;
- 96 sample detection in one time;
- Adding the sample quickly, suitable for the multi-channel pipettes;
- Auto-switch-off when the lid is removed.

Technical specifications

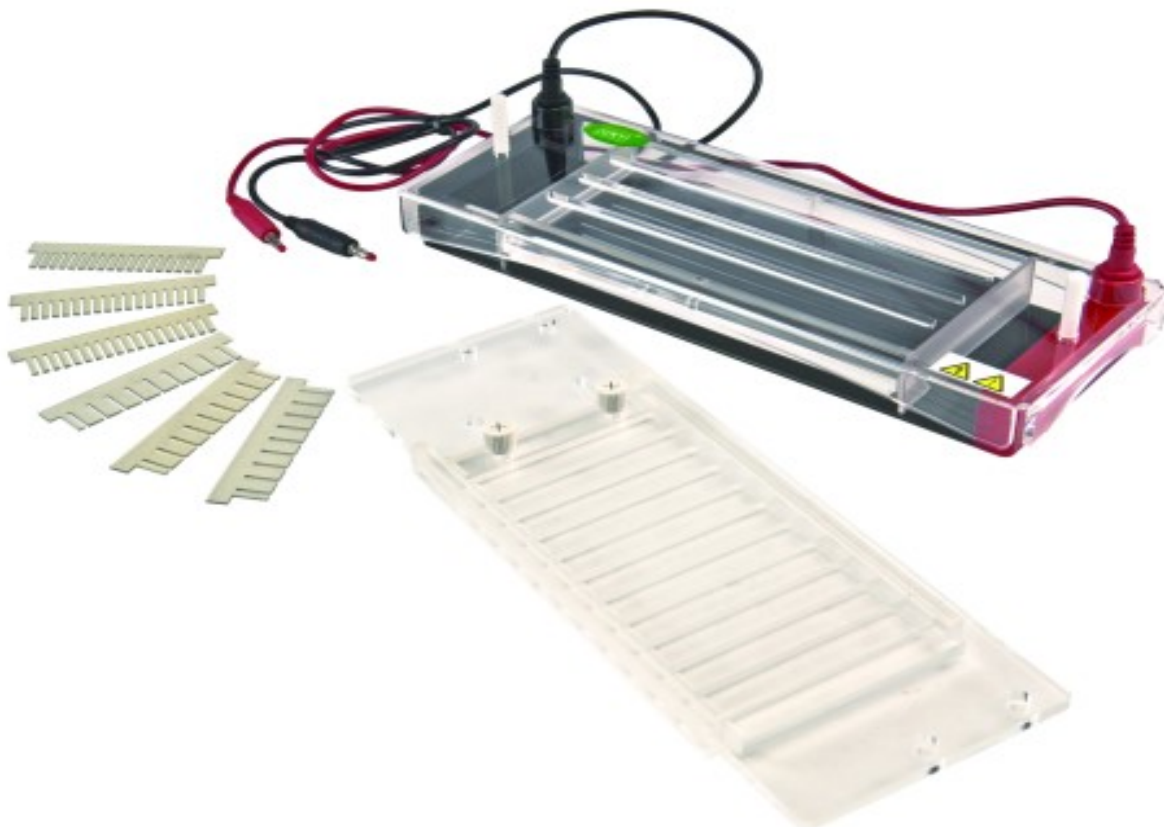
Bridge Size (W×L): 66×250mm; 82×250mm.

Buffer Volume: ~560ml.

Dimension (L×W×H) : 318×175×65 (mm)

Net weight: 1.0 (kg)

Parts name	Packing quantity
Body tank with electrode	1
85×200mm Gel tray	1
Baffle	2
Combined comb frame	1
1.0mm thickness 10 wells comb	12
1.8mm thickness 18 wells comb	12
Electrical Cables	1



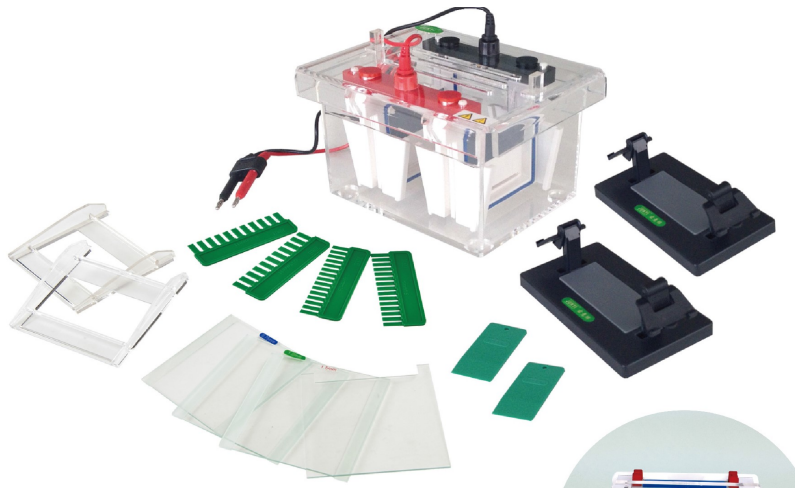
Price

Rs:74,000.00

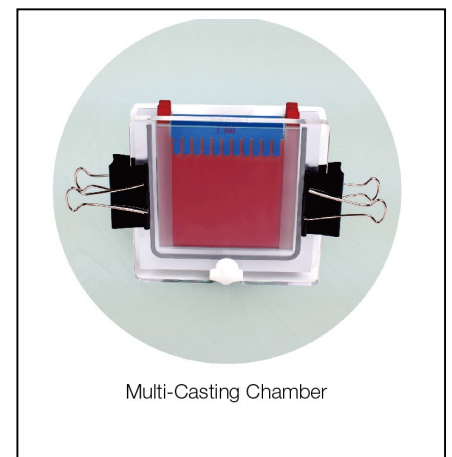
170000501 Vertical Gel Electrophoresis (Gel Casting)



VGE-2Plus



VGE-4Plus



Multi-Casting Chamber

Characteristic feature

With two gel castings, can cast 1-4 plates of gels at the same time. There are two methods of “casting gel in original position” and “multi-casting gel” for option. (Not For “VGE-2Plus”)

- The installation of the glass plate in just 15 seconds, and does not need the knob, fast and convenient.
- With the gel making device of normal position, don't should to moving the glass plate from the process of making gel to electrophoresis, convenient for observation the gel preparation from the glass on both sides, ensures fast set up times and leak-free operation.

With a gel casting in original position, no need to move glasses from gel making to electrophoresis running. It is more convenient to observe gel preparing through both sides of the glasses for

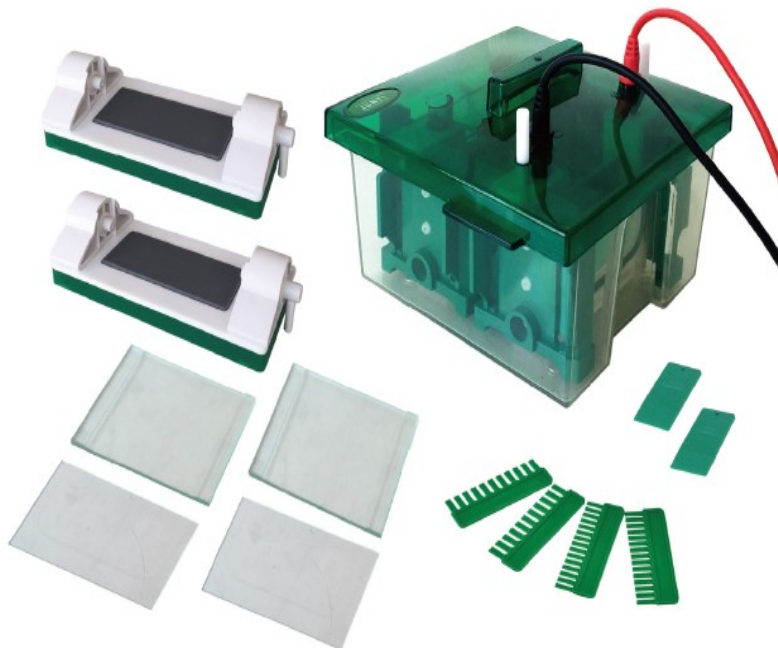
VGE-2Plus

- High transparent polycarbonate material injection molding, impact resistance, high temperature resistance, corrosion resistance.
- Safety cover open button design, convenient opening the cover;
- With the background color, easy to be observed in the sample adding and electrophoresis process;
- Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.;
- Auto-switch-off when the lid is removed.

Model	Glass Plate size (W×L)	Gel Size (W×L)	Gel thick (mm)	Gel amount (PCS)	Sample volume	Buffer Volume (ml)	Dimension (L×W×H)	Net wt.	Price Rs.
VGE-2Plus	100×100 mm	82×88 mm	0.75, 1.0, 1.5	1~2	11&15 wells	750	150×120×115 (mm)	1.5	57,500.00
VGE-4Plus	100×100 mm	82×88 mm	1.0, 1.5	1~4	11&15 wells	1000	220×170×120 (mm)	2.5	73,500.00

Packing List of VGE-2Plus		Packing List of VGE-4Plus	
Parts name	Packing quantity	Parts name	Packing quantity
Body tank with electrode	1	Body tank with electrode	1
Gel casting base	1	Gel casting base	2
Notched glass plates	4	Notched glass plates	6
0.75mm bonded glass spacer	2	1.0mm bonded glass spacer	4
1.0mm bonded glass spacer	2	1.5mm bonded glass spacer	4
1.5mm bonded glass spacer	2	1.0mm thickness 11 wells comb	4
0.75mm thickness 11 wells comb	2	1.5mm thickness 11 wells comb	4
1.0mm thickness 11 wells comb	2	1.0mm thickness 15 wells comb	4
1.5mm thickness 11 wells comb	2	1.5mm thickness 15 wells comb	4
0.75mm thickness 15 wells comb	2	Gel Shovel	4
1.0mm thickness 15 wells comb	2	Clamp version	2
1.5mm thickness 15 wells comb	2	Dummy plate	3
Gel Shovel	1	Electrical Cables	1
Clamp version	2		
Dummy plate	1		
Electrical Cables	1		

170000502 Vertical Electrophoresis (Gel Casting) (Model No: VGE-Mini4)



Packing	List	of	VGE-Mini4
	Parts name		Packing quantity
	Body tank with electrode		1
	Gel casting base		2
	Short glass plates		6
	1.0mm bonded glass spacer		6
	1.0mm thickness 11 wells comb		6
	1.0mm thickness 15 wells comb		6
	Gel Shovel		2
	Inner core seat		1
	Electrical Cables		1

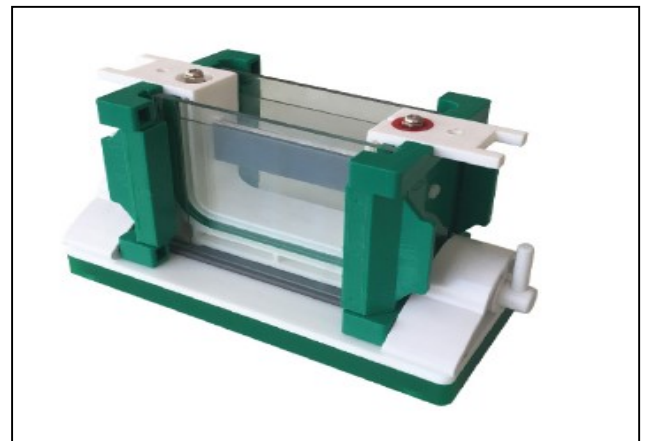
Technical specifications

Glass plate size (W×L) :101×82 mm
 Gel Size (W×L) :81×73 mm
 Gel thickness: 1.0mm
 Gel amount:1~4 (pieces)
 Sample volume:11~60
 Buffer Volume:~1200ml
 Dimension (L×W×H) :175×175×100mm
 Net weight:2.5 (kg)

Characteristic features

With two gel castings,can cast 1-4 plates of gels at the same time.

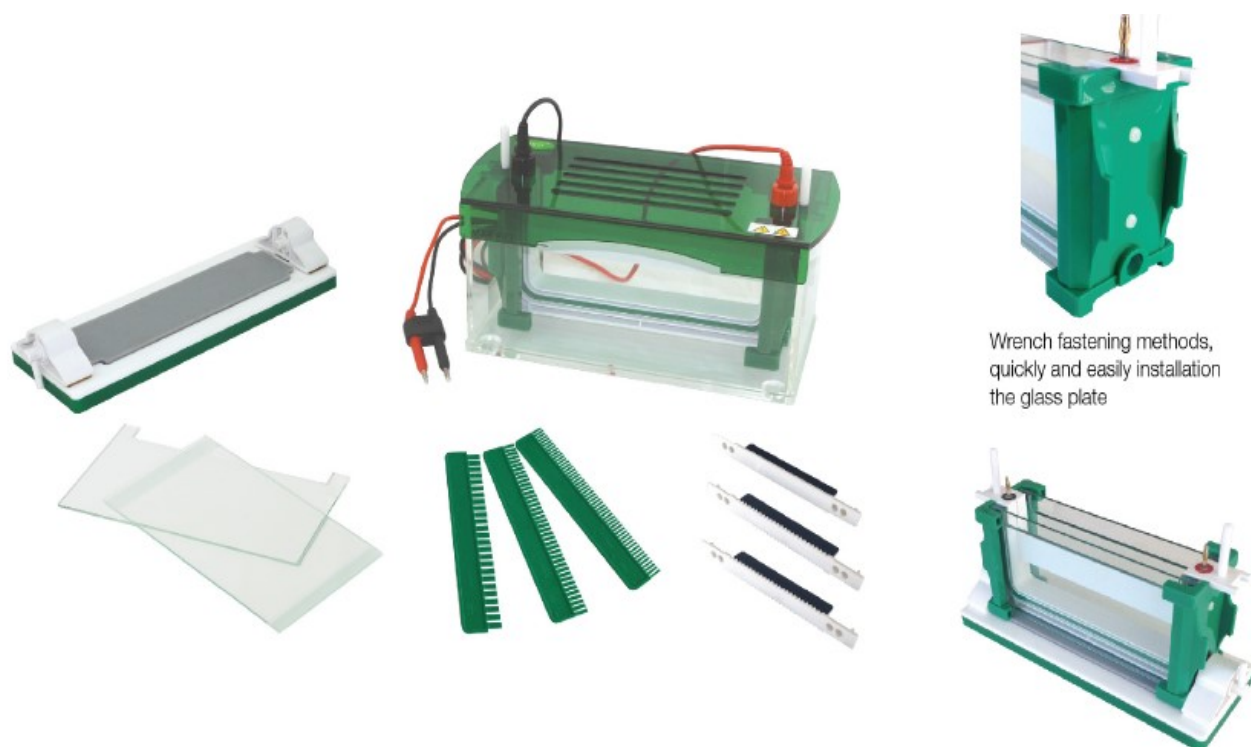
- The installation of the glass plate in just 15 seconds, and does not need the knob, fast and convenient.
- With the gel casting in original position,no need to move glasses from gal making to ellectrophoresis running.It is more convenient to observe gel preparing through both sides of the glasses.
- With the background color,making it easy to observe sample loading and electrophoresis running.
- With protective strip of positive electrode,it can prevent producing bubbles and also protect platinum silk from damage.
- Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- Auto-switch-off when the lid is removed.



Price

Rs: 99,500.00

170000503 Vertical Gel Electrophoresis (Gel Casting)

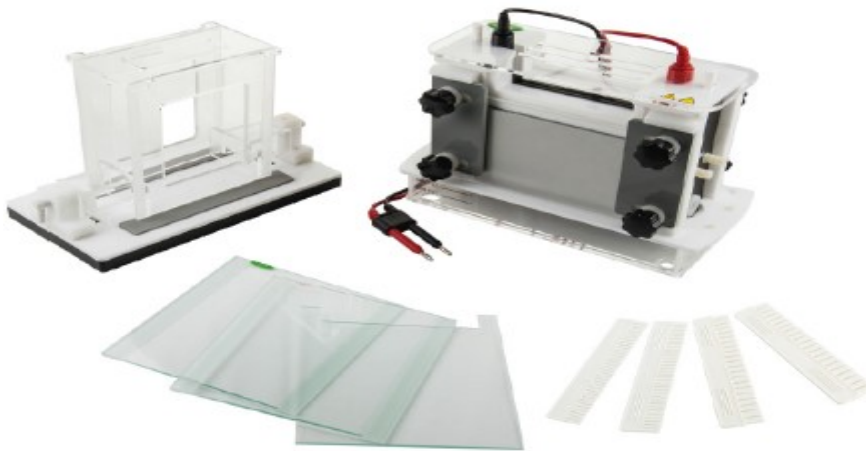


Characteristic feature

- The installation of the glass plate in just 15 seconds, and does not need the knob, fast and convenient.
- With the gel making device of normal position, don't should to moving the glass plate from the process of making gel to electrophoresis.
- With the Precast gel inner core, do not affecting the operation of gel making while the electrophoresis.
- Safety cover open button design, convenient opening the cover.
- Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- Auto-switch-off when the lid is removed.

MODEL	Glass plate size (W×L) mm	Gel Size (W×L) mm	Gel thickness (mm)	Gel amount (pieces)	Sample volume	Buffer Vol. (ml)	Dimension (L×W×H) (mm)	Price Rs.
VGE-GC-B	216×110	186×95	1.0	1~2	25,40& 52wells	1800	280×140×135	62,600.00
VE-GC-BL	216×220	186×205	1.0	1~2	25,40& 52wells	3500	280×140×250	89,500.00

170000504 Vertical Gel Electrophoresis (Gel Casting)



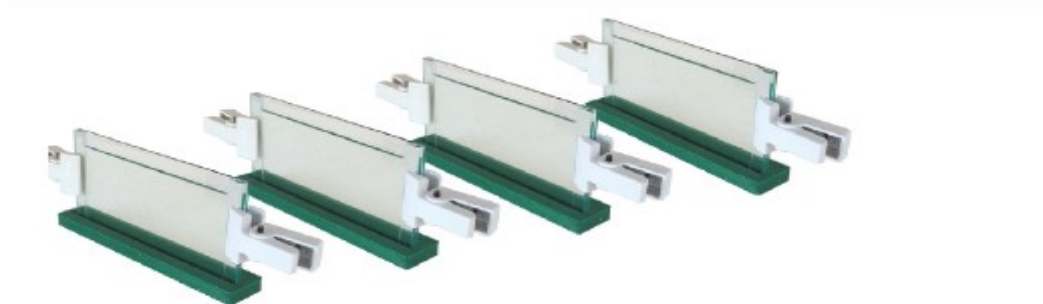
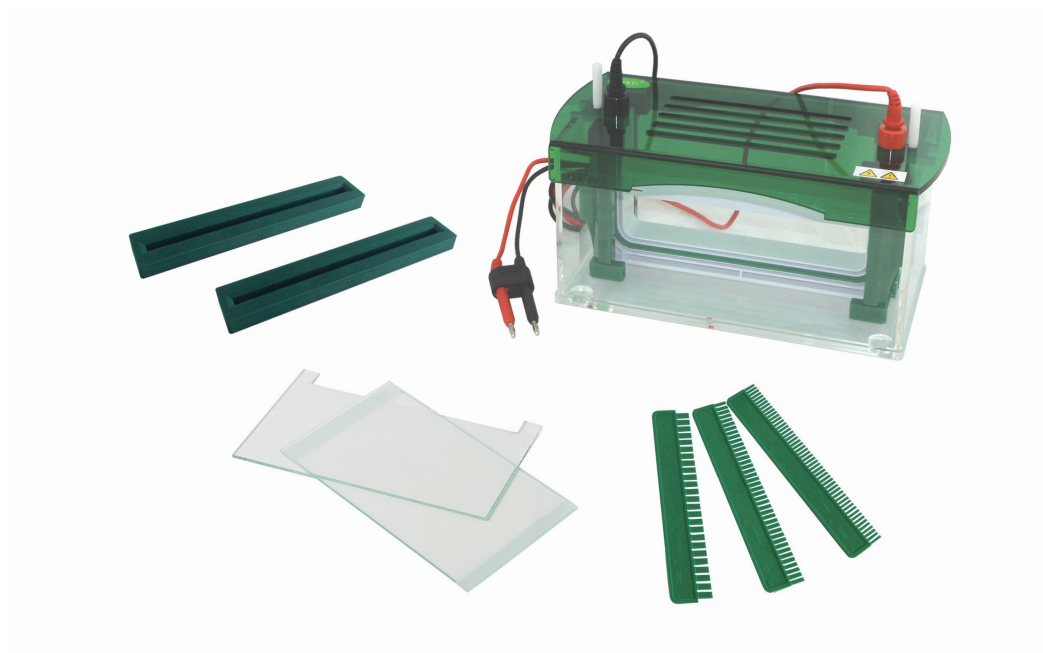
Features:

- Intended for protein purification and analysis, ideal for the dimensional electrophoresis, DGGE and preparative gel electrophoresis.
- Equipped with special processing technology aluminum plates, effectively guaranteed the heat dissipation more even, holding stable pH during electrophoresis running.
- Non-proliferation electric field influence, guaranteed the electrophoresis strip more clear and straight. Modular double hinged core cassettes, matched with the basing gel caster, ensuring the whole operation process more convenient.
- Retractable connectors compatible with most major power supplies.
- For the temperature control, VGE-GC8 can be connected with a outer constant temperature circulator.
- Safe operation design, power can be cut off automatically when remove the lid.

Packing List of VGE-GC8		Packing List of VGE-GC9	
Parts name	Packing quantity	Parts name	Packing quantity
Body tank with electrode	1	Body tank with electrode	1
Gel casting base	1	Gel casting base	1
Notched glass plates	3	Notched glass plates	4
1.0mm bonded glass spacer	3	1.0mm bonded glass spacer	2
1.5mm bonded glass spacer	3	1.5mm bonded glass spacer	2
1.0mm thickness 21 wells comb	2	1.0mm thickness 16 wells comb	2
1.5mm thickness 21 wells comb	2	1.5mm thickness 16 wells comb	2
1.0mm thickness 35 wells comb	2	1.0mm thickness 26 wells comb	2
1.5mm thickness 35 wells comb	2	1.5mm thickness 26 wells comb	2
Dummy plate	1	Dummy plate	1
Electrical Cables	1	Electrical Cables	1

Model	Gel Size (W×L)mm	Gel thickness	Comb wells	Gel capacity	Buffer requirement	Price Rs.
VGE-GC8	173×195	1, 1.5(mm)	21, 35	2	2200(ml)	1,15,100.00
VGE-GC9	120×145	1, 1.5(mm)	16, 23	2	1200(ml)	94,000.00

170000505 Vertical Gel Electrophoresis (Agarose Sealing)



Use the gel making modular to make the multi slab gel at the same time.

Characteristic feature

- The installation of the glass plate in just 15 seconds, and does not need the knob, fast and convenient.
- With the gel making device modular, you can make multi slab gel at the same time.
- Safety cover open button design, convenient opening the cover.
- Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- Auto-switch-off when the lid is removed.

MODEL	Glass plate size (W×L)	Gel Size (W×L)	Gel thickness	Gel amount	Sample volume	Buffer Volume (ml)	Dimension (L×W×H) (mm)	Price Rs.
VGE-5AS	216×110 mm	186×95 mm	1.0(mm)	1~2 (pieces)	25,40& 52wells	1800	280×140×135	42,900.00
VGE-5LAS	216×220 mm	186×205 mm	1.0(mm)	1~2 (pieces)	25,40& 52wells	3500	280×140×250	51,800.00

180000501 Nucleic Acid Sequencing

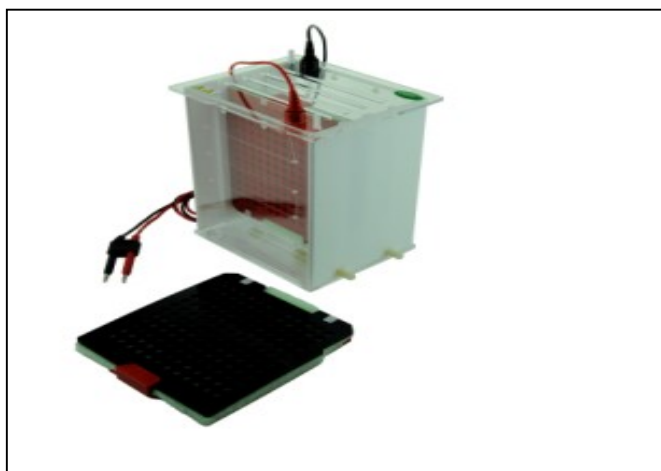


Characteristic feature

- Simple operation, only four fastening knobs needed.
- 50% buffer savings compared with traditional tanks.
- Unfolded electrodes make repair and parts replacement easy and quick.
- Special heat dissipation processed aluminum plate firmly clings to the gel plates, which effectively guarantees the gel temperature is even, ensuring the electrophoresis trip is straighter.
- Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- Auto-switch-off when the lid is removed.

Model	Glass plate size (W×L)	Gel Size (W×L)	Gel thick mm	Gel amount	Sample volume	Buffer Volume	Dimension (L×W×H)	Price Rs.
NAS-1	200×450 mm	180×420 mm	0.4	1pc	32,39 wells	500ml	310×230 ×500mm	1,05,400.00
NAS-2	350×450 mm	330×420 mm	0.4	1pc	50,62,7 4&100 wells	750ml	455×230 ×500mm	1,24,500.00
NAS-3	350×350 mm	330×320 mm	0.4	1pc	50,62,7 4&100 wells	750 ml	460×230 ×400mm	1,16,000.00

190000501 Western Blotting System (MODEL No: WBS-2)



Packing List of WBC-2

Parts name	Packing quantity
Body tank with electrode	1
Transfer splint	2
Fibre pads	4
Cooling pack	1
Cooling pipe	2
Electrical Cables	1

Characteristic feature

- With a cooling device, ensure the transfer effect.
- Auto-switch-off when the lid is removed.

Technical specifications

Trans area (W×L) : 175×175 mm

Buffer Volume: ~4000 (ml)

Dimension (L×W×H) : 205×170×240 (mm)

Net weight: 2.3 (kg)

Price

Rs:65,000.00

190000502 Semi Dry Blotter (MODEL No: SDB-3)

Technical specifications

Trans area (W×L) : 140×140 mm

Dimension (L×W×H) : 185×175×40 (mm)

Net weight: 1.4 (kg)

Characteristic feature

- Transfer speed, can be completed in 1 hours.
- Less heat produce, does not require cooling device.
- Only few of the buffer needed compared with the tank transfer.
- Auto-switch-off when the lid is removed.



Price

Rs:38,500.00

190000503 Western Blotting System (MODEL No: WBS-5)

The image displays the components of a Western Blotting System (MODEL No: WBS-5). It includes a red plastic body tank with a black electrode holder on top, a green plastic transfer splint, and a red plastic fibre pad with a grid of holes. Two electrical cables, one red and one black, are connected to the system. The red cable is connected to the red body tank, and the black cable is connected to the green transfer splint. The cables have alligator clips at the ends.

Packing List of WBC-5

Parts name	Packing quantity
Body tank with electrode	1
Transfer splint	2
Fibre pads	4
Electrical Cables	1

Characteristic feature

- Electrode spacing is small, greatly save transfer time.
- With the color marking on the splint, to ensure put the gel right into the inner core.
- Unfolded electrodes make repair and parts replacement easy and quick.
- The transparent top lid effectively prevents liquid in the cell from volatilizing and avoids electricity leakage.
- Auto-switch-off when the lid is removed.

Technical specifications

Trans area (W×L) : 100×100 mm

Buffer Volume: ~750 (ml)

Dimension (L×W×H) : 150×120×115 (mm)

Net weight: 0.8 (kg)

Price	Rs:42,500.00
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190000504 Trans-Blot Core (Model No: TBC-6)

Technical specifications

Trans area (W×L) : 100×100 mm

Dimension (L×W×H) : 139×55×105 (mm)

Net weight: 0.4 (kg)

Characteristic feature

TBC-6 Tank transfer module can be used as a Module with the buffer tank of VGE-2Plus/WBS-5.



Packing List of TBC-6	
Parts name	Packing quantity
Body tank with electrode	1
Transfer splint	2
Fibre pads	4

Price	Rs:36,700.00
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210000501 2D Gel Electrophoresis (Model No: 2DGE-3)



Characteristic feature

- Does not require special high current electrophoresis apparatus, normal electrophoresis instrument can meet the demand of the experiment.
- The 1D and 2D is separate, can become independent electrophoresis tank
- Can pour in cooling water to keep a cool environment.
- With a special gel casting, making the gel casting easy and simple.
- Switching off when opening the lid, safe electrical cables and made the operation simpler.
- Auto-switch-off when the lid is moved.

Technical specifications

length of Glass tube: 120mm

Gel diameter: 1.0, 2.0(mm)

Gel size (W×L) : 143×139mm

Gel thickness: 1.0 (mm) , 2.0 (mm)

Gel Amount: 1~2 (pieces)

Sample volume: (1.0mm) 21、29wells; (2.0mm) 21、29wells

Buffer Volume: ~2500 (ml)

Volume (L×W×H) : 460×230×400 (mm)

Weight: 13.2kg

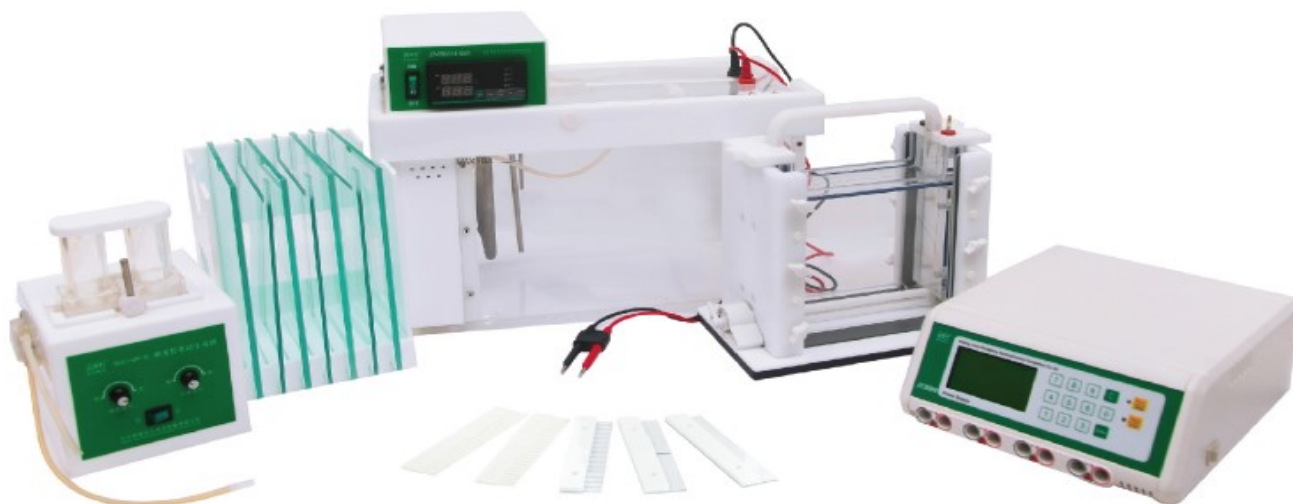
Packing List of 2DGE-3

Parts name	Packing quantity
Electrophoresis Tank	1
Inner core of 1D	1
Inner core of 2D	1
Notched glass plates	4
1mm bonded glass spacer	2
2mm bonded glass spacer	2
1mm thick 21wells comb	2
2mm thick 21wells comb	2
1mm thick 29wells comb	2
2mm thick 29wells comb	2
1mm diameter glass tube	12
2mm diameter glass tube	12
Rubber plug	24
Gel casting	1
Silica gel tube	3
Electrical Cables	1

Price

Rs:86,700.00

220000501 Denaturing Gradient Gel Electrophoresis (MODEL No:DGGE-1)



Technical specifications

Glass plate size (W×L) :200×200 mm

Gel Size (W×L) :162×175 mm

Gel thickness: 1.0 (mm)

Gel amount:1~2 (pieces)

Sample volume: (1.0mm) 1、2、15、21、35wells

Buffer Volume:~10 (L)

Dimension (L×W×H) :458×230×285 (mm)

Net weight: 23 (kg)

Characteristic feature

- With the gel making device of normal position, don't should to moving the glass plate from the process of making gel to electrophoresis.
- With the Gradient gel electric generator, the flow rate can be adjusted.
- Built-in miniature buffer liquid circulating pump, a buffer solution temperature uniformity can be achieved $\pm 5^{\circ}\text{C}$.
- Side-open safety lid, easy to loading the sample, automatially cut off the electric field when open the lid.
- Type of Output: Constant-Voltage, Current or Power
- Max output: 600V/500mA/300W.
- With over-voltage, overload auto-detection and alarm function.
- Can simultaneously display all set parameters and output status.
- Insulating fire-retardant materials, injection molding using the mold shell, advanced technology.
- Store 10 most common electrophoresis ways.
- Timer Range: 1min~99hr, 59min
- The temperature control probe with a safety sheath, protection of the probe does not damage.
- With the buffer liquid height sensors, protection of the product does not damage because of the lack of buffer capacity.

Packing List of DGGE-1

Parts name	Packing quantity
Power supply	1
Body tank with electrode	1
Gel casting base	1
Gradient gel electric generator	1
Notched glass plates	4
1.0mm bonded glass spacer	4
1.0mm thickness 1 wells comb	2
1.0mm thickness 2 wells comb	2
1.0mm thickness 15 wells comb	2
1.0mm thickness 21 wells comb	2
1.0mm thickness 35 wells comb	2
Accessory bracket	1
Control cables	1
Electrical Cables	1

Price

Price on Request.

230000501 Pulsed Field Electrophoresis system (PFES-3)



Technical specifications

With the buffer refrigeration circulation pump, control electrophoresis temperature effectively, the use of high efficiency, long service life.

- The isolated fragment: 100bp-6Mb.
- Voltage gradient: Maximum of 9.5V/cm, increment 0.1v/cm.
- Maximum current: 0.5A.
- Maximum power: 300W.
- Pulse angle: $\pm 120^\circ$ 、 $\pm 180^\circ$, Having the field reversal function.
- Pulse width: 1~9999s or programmed pulse or 1~20s pulse line increase.
- Module timer: 1min~99hours 59min.
- Temperature ranges: $10^\circ\text{C}\sim 30^\circ\text{C}$, Accuracy to less than $\pm 0.5^\circ\text{C}$
- Temperature detection: Direct detection of buffer solution temperature, error is less than $\pm 0.1^\circ\text{C}$.
- Cyclic module: inner buffer cyclic system.
- Control function: Dual core microprocessor intelligent control, with the program editing and automatic connection function, Open cover power-off protection function, overload protection, no-load automatic memory function, the function of automatic shutdown function.

Power supply module for Pulsed electric field:

Molding shell, touch keys, dual core microprocessor intelligent control, with the program editing and automatic connection function, open cover power-off protection function, overload protection, no-load automatic memory function, the function of automatic shutdown function.

Output mode control allocation module for Pulsed electric field:

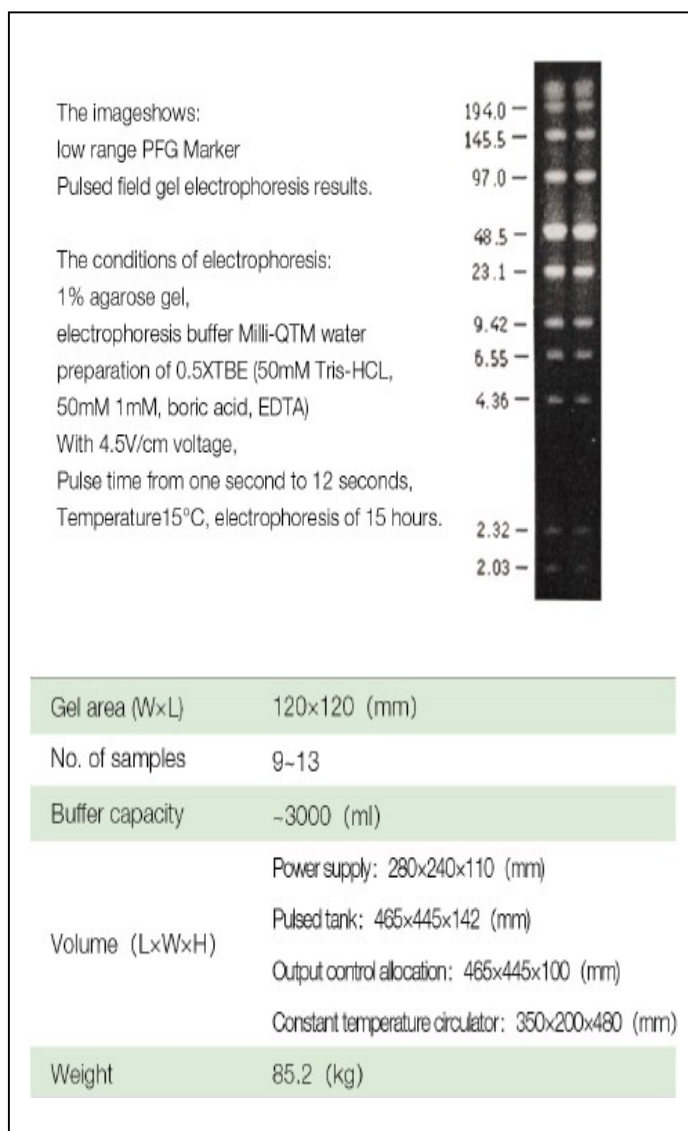
In the control of CPU intelligent control unit, control of farm output in accordance with the procedure of mode of pulse electric power module, the controlled pulsed field voltage, current, electric field, electric field angle duration, output to a specific sub electrode pulse electrophoresis tank.

Pulsed electrophoresis tank module:

Pulse field gel electrophoresis electrode composed of hexagonal, each side electrode are respectively provided with 3 independent sub electrode. The pulsed field electrophoresis pulsed field driving power supply output with pulsed field electrophoresis tank to specific points on the electrode, pulsed field strength, electric field, electric field angle conversion time meet the experimental pulse field gel electrophoresis experiments need. At the same time control buffer cooling cycle unit to realize the constant temperature operation of the electrophoretic run, ensure the electrophoresis experiment effect.

Constant temperature circulator module:

With buffer refrigeration circulation pump, control electrophoresis temperature effectively, the use of high efficiency, long life service.



Packing List of PFES-3

Parts name	Packing quantity
Power supply	1
Output control allocation	1
Pulsed Electrophoresis tank	1
Constant temperature circulator	1
Gel casting	1
48×75mm Gel tray	1
Gel pad	1
2.0mm thickness 9 wells comb	2
2.0mm thickness 13 wells comb	2
Sample module	2
Sample exporter	2
Level	1
Clip	2
Circular tube	3
Horizontal adjustment seat	4
Control line	2
Electrical Cables	1
Power cord	1

Price

Price on Request

240000501 Gel Documentation System

Technical specifications

Pixel density: 10 bit

Pixel size: 5.4×5.4 (μm)

Signal to noise ratio: ≥56db

Sensitivity: Can detect the double chain DNA of EB staining below 20pg.

Camera: low illumination and high resolution digital CCD

Zoom lens: F=1:1.2, 2/3 inch 6 times zoom lens

Filter: 590 (nm)

UV light transmission area(W×L): 250×200 (mm)

Visible light transmittance area(W×L): 250×210 (mm)

Transmission UV wavelength: 302 (nm)

Reflectance UV wavelength: 254、365 (nm)

Transmission UV lamp power:302nm(8W)

Reflectance UV lamp power: 254nm (11W)&
365nm (11W)

Volume (L×W×H) : 470×405×820 (mm)

Weight: 29.0kg



Characteristic feature

- CCD with lower lux and high-resolution, easy to get dim stripes and real-time browse, whole-screen display and simple to operate:
- Six time zoom lens and simple to enlarge and shrink gel photos.
- The center position indicator, which can ensure the gel is placed in the center position.
- **Intelligent control box:**
- You can realize the control of the zoom, focus, aperture, UV light and white light through panel key.
- Safety function for your eyes that automatically shuts down the UV light when the door is opened and reactivates the UV light when the door is shut.
- Timed shut down: The UV light protection system automatically shuts down the lights after 15 minutes to maximize the life of lamp and vitreous.
- The zoom lens is protected with RS232 interface.
- Drawer-style gel platform, convenient to observe, operate, and cutting gel.
- Transferring plate changes UV-light into white-light.
- Using a multi-layer gel-filter effectively filters background noise.
- You can realize the control of the zoom, focus, aperture, UV light and white light through computer mouse.
- Regular and reliable system convenient to maintain and exchange parts.

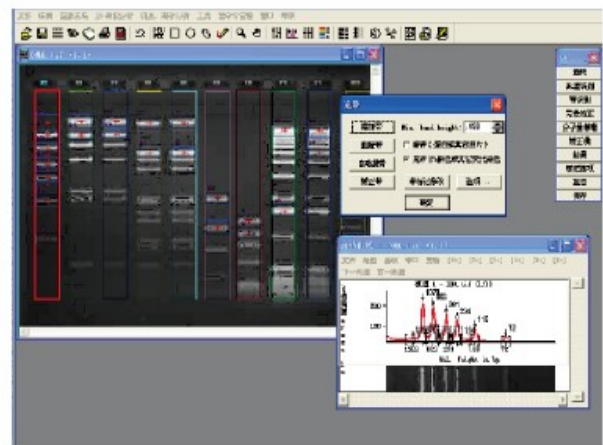
1. Real time image preview and photograph

- ① The exposure value adjustment: according to the different experimental conditions, automatically or manually adjust the exposure value, can achieve the best effect of exposure.
- ② Light control button: You can control the white light and UV lamp through the computer.
- ③ Fine and coarse adjustment button: Users can choose the regulation speed;
- ④ Zoom, focus, aperture adjusting button: you can adjusted the image size, focal length and the aperture by computer.
- ⑤ Flip vertical button: according to the need to flip the image;
- ⑥ Image capture button: you can take and save the image to a pictures.



2. Image analysis

- ① You can recognition the lane automatically or manually.
- ② You Can automatically and manually on the colony density, dot hybridization analysis, cloning count.
- ③ You can calculation and comparison the Molecules of nucleic acid, protein content, optical density, mobility and pH value and percentage content.
- ④ You can export all kinds of experimental report to a text or Excel format file and print.



3. Image processing

- ① You can assist data shows, and provides text, arrows, graphics and other annotation tool for misoperation, unlimited undo data for protection.
- ② You can adjust the image of rotate, zoom, color, cut, brightness, grayscale, and contrast.

Model No	Effective pixels	Resolution	Price Rs.
GDS-04S-3E	2560×1920	5.0 megapixels	6,10,000.00
GDS-04S-3C	1280×1024	1.4 megapixels	5,04,000.00

240001202 Gel Documentation System (Model No:GDS-GEL.Delux)



Characteristic feature

Excellent optics coupled to a high quality camera, the Gel.Delux gel documentation system, is a high performance and reliable fluorescent and colorimetric bio-imaging system. Featuring a 12 megapixel digital camera, the camera connects to a PC through a USB and can be controlled from the PC. The light-tight cabinet has a UV safety switch and a roll-out transilluminator. A choice of illumination options with UV trans/epi lighting, wavelength-specific LEDs and more, adds to the versatility of the system. Ultraviolet transillumination can be provided in 312nm, 365nm or 254nm ranges. Filter size of transilluminator is 20x20 cm. Epi-white light illumination from above is standard. Optionally, ultraviolet epi-illumination in a variety of wavelengths can also be provided. The dark room cabinet has features for safety switch that switches off the UV lights as soon as the door is open. A timer is attached to the transilluminator, which auto switches off UV light in case the user forgets to switch it off. This increases the life of the UV lamps. This gel doc system is perfect for diagnostic labs, biotech start-ups, for HLA typing facilities, DNA and protein research and academic labs.

Gel Documentation System Model	Gel.Delux	Gel. Delux with Gel Analysis Software
Software for Acquisition of Gels	Included	
Camera Resolution	18	
Lens Focus	Motorized	
Lens Iris and Aperture	Motoriz	
Lens Zoom	3x,	
Maximum Gel Size	20x20	
Trans-illumination UV	302-312 nm, 6x8W long life tubes	
Epi-White light illumination	Included	
Filter	Band pass for EtBr	
Software for Analysis of Gels	-	Advanced Software to detect lanes, bands, calculate Molecular Weight, label, generate reports etc
Price of Gel Doc System	Rs 2,80,700.00	Rs 3,35,200.00

240001203 Gel Documentation System (Model No:GDS-GEL.Sure)



Characteristic feature

Compact, good looking gel, and easy to use, **Gel.SURE** is a gel document system that requires very little user-intervention to operate. Auto-focus lens with preset zoom means you do not have to change the focus or zoom. With standard fixed UV transilluminator and optional choice of lighting sources in form of white and blue trays, enables you to perform documentation of a range stained of DNA, RNA and protein gels. Featuring an 18 megapixel CMOS/4.1 megapixel CCD camera, the camera connects to a PC through a USB and can be controlled from the PC. Ultraviolet transillumination can be provided in 312nm range. Maximum gel size that can be captured is 15x15 cm.

Gel Documentation System Model	Gel.Sure	Gel.Sure with Gel Analysis Software
Software for Acquisition of Gels	Included	
Camera Resolution	18Megapixels CMOS /4.1 megapixels, CCD	
Lens Focus	Fixed focus, fixed zoom, no user intervention requiredAutofocus	
Maximum Gel Size	15x15cm	
Trans-illumination UV	302-312 nm, 4x8W long life tubes	
Epi-White light illumination	Optional(For Protein)	
Filter	Band pass for EtBr	
Price of Gel Gel.Sure CCD	Rs 3,65,700.00	Rs 4,25,200.00
Price of Gel Gel.Sure CMOS	Rs 2,55,700.00	Rs 3,35,200.00

240001204 Gel Documentation System (Model No:GDS-GEL PRI)

Characteristic feature

One of the easiest to use systems for gel documentation and photography applications, the universal platform **Gel.PRI** stands alone to provide the lowest cost yet high quality digital scientific analysis and visualization system for labs.

The **Gel.PRI** system offers reproducible, high-resolution digital images for gel documentation. **Gel.PRI** is ideal if you have a limited budget because we have a lot of options for you. Purchase the basic system with the camera, transilluminator, darkroom hood and later add a printer or analysis software as the need arises.

Featuring a 18 megapixel camera, the camera connects to a PC through a USB and can be controlled from the PC. Ultraviolet transillumination can be provided in 254nm, 312nm or 365nm ranges. Filter size of transilluminator is 20x20 cm.

Maximum gel size that can be captured is 15x15 cm.

The transilluminator can be used separately too, in case the user just wants to observe the gel.



Gel Documentation System Model	Gel.PRI	Gel.PRI with Gel Analysis Software
Software for Acquisition of Gels	Included	
Camera Resolution	18	
Lens	Manu	
Maximum Gel Size	15x15	
Trans-illumination UV	302-312 nm, 4x8W long life tubes	
White light illumination	Included	
Filter	Band pass for EtBr	
Software for Analysis of Gels	-	Advanced Software to detect lanes, bands, calculate Molecular Weight, label, generate reports etc
Price of Gel Doc System	Rs 2,25,200.00	Rs 2,75,000.00

250000501 Electrophoresis Pattern Visualizer (MODEL: EPV-01)

Technical specifications

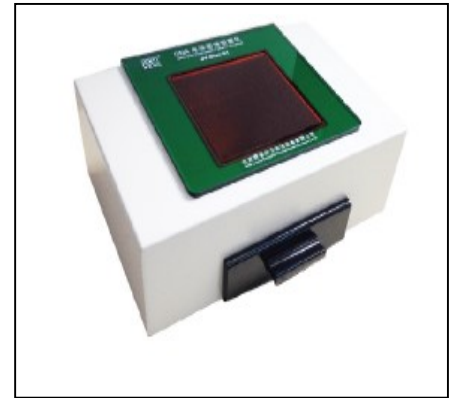
Transmission size (W×L) : 120×120mm

Volume (L×W×H) : 300×200×120 (mm)

Weight: 4.2kg

Characteristic feature

- Using the visible light, you can use the security environmental protection, fluorescent material instead of EB dye, to eliminate the harm to the human body.
- The observation method is simple, suitable for use in teaching.



Price	Rs.49,700.00
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250000502 Portable Transilluminator (MODEL: PT-UV-II)

Technical specifications

Reflection size (W×L) : 200×50mm

UV reflection wavelength: 254、365 (nm)

Transmission UV lamp power: 8 (W)

Volume (L×W×H) : 270×78×110 (mm)

Weight: 0.55kg

Characteristic feature

- Small size, simple operation.
- Two kinds of UV wavelength, observe applicable to different gel.



Price	Rs.32,700.00
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250001203 UV Transilluminators



With genuine quartz filters that pass fixed UV wavelength and no visible light to give a perfect observation.

- These have either 6x8W or 8x8W high intensity UV tubes
- Electronic high frequency ballast to give instant start and no humming
- Low heat generation and fan cooled interior
- Window size is 20x20cm and 21x26cm
- The enclosure is epoxy coated MS and top is stainless steel
- Low (70%) / high(100%) intensity control
- Special polymer transparent safety cover in UV models that protects the user from UV emissions
- Suitable for College, research and medical applications.

Model	Type (Sensitivity of stained sample)	Illumination	Max size of be viewed	Wavelength	Filter	List Price (Rupees)
GEL-V-U-04-01	Protein Gels	White Lamps	20x20 cm	White	Perspex	22,000.00
GEL-V-U-04-02	College	6x 8W	20x20 cm	365 nm	-	26,500.00
GEL-V-U-04-03	Protein Gels	White LEDs	20x20 cm	White	Perspex	28,000.00
GEL-V-U-04-04	View Nucleic Acid Gel	LEDs	20x20 cm	470 nm	Blue	58,000.00
GEL-V-U-04-05	Irradiate Gels / TLC	6x 8W	20x20 cm	254 nm	Quartz	68,000.00
GEL-V-U-04-08	Budgetary (10 ng)	5x 8W	20x20 cm	312 nm	Quartz	68,000.00
GEL-V-U-04-06	Analytical Nucleic Acid Gel (0.1 ng)	6x 8W	20x20 cm	312 nm	Quartz	79,000.00
GEL-V-U-04-07	View Nucleic Acid Gel (50 ng)	6x 8W	20x20 cm	365 nm	Quartz	58,000.00
GEL-V-U-04-05-XL	Irradiate Gels / TLC	6x 8W	21x26 cm	254 nm	Quartz	69000.00
GEL-V-U-04-06-XL	Analytical Nucleic Acid Gel (0.1 ng)	6x 8W	21x26 cm	312 nm	Quartz	89,000.00
GEL-V-U-04-07-XL	View Nucleic Acid Gel (50 ng)	6x 8W	21x26 cm	365 nm	Quartz	68000.00
GEL-V-U-04-10	Irradiate + Nucleic Acid	4x 8W + 4x 8W	20x20 cm	254 + 365 nm	Quartz	59,000.00
GEL-V-U-04-11	Irradiate + Nucleic Acid	4x 8W + 4x 8W	20x20 cm	254 + 312 nm	Quartz	90,000.00
GEL-V-U-04-12	Analytical Nucleic Acid Gel	4x 8W + 4x 8W	20x20 cm	312 + 365 nm	Quartz	90,000.00
GEL-V-U-04-10-XL	Irradiate + Nucleic Acid	4x 8W + 4x 8W	21x26 cm	254 + 365 nm	Quartz	68,000.00
GEL-V-U-04-11-XL	Irradiate + Nucleic Acid	4x 8W + 4x 8W	21x26 cm	254 + 312 nm	Quartz	98,000.00
GEL-V-U-04-12-XL	Analytical Nucleic Acid Gel	4x 8W + 4x 8W	21x26 cm	312 + 365 nm	Quartz	98,000.00

250000504 Research UV Transilluminators (MODEL No :UVT-02)

Technical specifications

Transmission size (W×L) : 200×150mm
 Source ultraviolet wavelength: 302 (nm)
 Transmission UV lamp power: 8 (W)
 Volume (L×W×H) : 325×265×150 (mm)
 Weight: 4.6kg



Characteristic feature

- The high transparent UV protective screen, can be opened to any angle, safe operation, convenient.
- Using the UV filter glass, quartz ultraviolet lamp, long service life, light uniform

Price	Rs.74,900.00
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250000505 Research UV Transilluminators (MODEL No:UVT-02S)

Technical specifications

Transmission size (W×L) : 200×150mm
 Source ultraviolet wavelength: 302 (nm)
 Reflectance UV wavelength: 254、365 (nm)
 Transmission UV lamp power: 8 (W)
 Reflectance UV lamp power: 254nm (11W) 、365nm (11W)
 Volume (L×W×H) : 435×295×490 (mm)
 Weight: 16.9kg



Characteristic feature

- No need for darkroom, can be use for all-weather.
- With the operation of export for cutting the gel.
- Using the UV filter glass, quartz ultraviolet lamp, long service life, light uniform.

Price	Rs.1,15,500.00
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260000501 Gel Vacuum Drier (MODEL:GVD-A)

GVD-A Gel Vacuum Drier is designed for all kinds of electrophoresis gel drying. In order to prevent gel cracking, the gel drier is used to process it during daily experiments.

Technical specifications

Drying size (W×L) : 440×360 (mm)

Drying control: 0~80°C

Timing range: 20~40 min

Volume (L×W×H) : 550×450×165 (mm)

Weight: 23.0 (kg)



Price	Rs.1,07,500.00
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270000501 Constant Temperature Circulator (MODEL:CTC-1050)

Constant Temperature Circulator used to control an experiment's temperature at stable values during electrophoresis runs, CTC-1050 also can be connected with the tank or other lab equipment to serve as a constant temperature controller.

Technical specifications

Temperature control ranges: -10~99 (°C)

Temperature accuracy: ±0.1 (°C)

Circulating fluid rate (L/min) : 10 (L/min)

Tank volume (ml) : 5 (L)

Power: 500 (W)

Volume (L×W×H) : 457×287×652 (mm)

Weight: 45.0 (kg)



Price	Rs.1,09,700.00
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280000201 PCR (MODEL: PCRHF-T960G)



Descriptions		Features	
<p>Large 7.0'' Touch Screen display, real-time display process by curvilinear figure; Direct and friendly user inter face, quick and easy for programming; More convenient for gradient optimizing and saving reagent time. Beautiful and Generous, solemn and creative surface design; Human optimal design, enable to quick and easy operate.</p>		<p>Designed with the latest and most advanced peltier-based semiconductor technology; Fine tuning hot lid, suitable to various consumptive materials; Optional block and tube temperature control modes; 12-month warranty.</p>	
Parameters:			
Project	Parameter	Project	Parameter
Block Formats	96×0.2ml(a)/54×0.5ml(b)/96×0.2ml+77×0.5ml(c)/384well (d)	Temperature range	0-99℃
Temp. Gradient	Yes	Display	7' color LCD touch screen
Max. heating ramp rate	5℃/s	Max. Cooling ramp rate	5℃/s
Heating/cooling adjustable rate	0.1-4.0℃/s	Uniformity	≤±0.2℃
Accuracy	≤±0.1℃	Gradient temp range	30-99℃
Thermal gradient span	1-30℃	Gradient uniformity	≤0.2℃
Temp control mode	Block/tube	Memory capacity	2000(the external U disk unlimited)
Max. No. of cycle	999	Communication	USB2.0/RS232/RJ45
Intelligent Diagnosis	108	Net weight with standard block	8.1 kg
Power Supply	220V/50HZ	Dimension(L*W*H)	380mm*270mm*250mm
Price	Rs.3,65,000.00 (with 96X2.0ml+77X0.5ml blocks)		
Optional Blocks	Rs.1,05,000.00		