

Lab & Medical Equipment



Electrophoresis Tanks & Power Supply

BIOBASE GROUP

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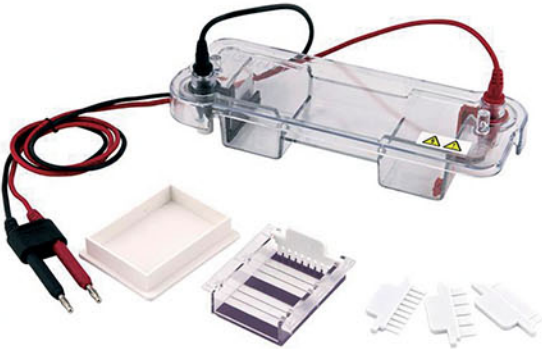
Horizontal Electrophoresis Tank

Horizontal electrophoresis is a basic means in molecular biology research. It is widely used for DNA detection and separation, and molecular testing in the nucleic acid analysis, purification and preparation experiment.

ET-H1 Horizontal Electrophoresis Tank

Features:

- * Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- * Dismountable electrodes make maintenance easily.
- * The PC transparent top lid prevents liquid volatilization and electricity leakage.
- * Auto-switch-off when the lid is removed
- * Recommended power supply: BPS-1/BPS-2



Technical Parameters:

Model	ET-H1
Gel Trays(W*L)	48*75mm
Buffer Volume	150ml
Comb Thickness	1&1.5mm
Comb Throughput	3, 5, 9 samples
NO. of Samples	3~18
Standard Accessories	Body tank with electrode*1, Gel tray 48*75mm*1, Gel box*1, 1.0mm thickness 3 wells comb*2, 1.5mm thickness 3 wells comb*2, 1.0mm thickness 5 wells comb*2, 1.5mm thickness 5 wells comb*2, 1.0mm thickness 9 wells comb*2, 1.5mm thickness 9 wells comb*2
External Size(L*W*H)	250*95*50mm
Package Size(L*W*H)	320*160*160mm
Gross Weight	1kg

ET-H2 Horizontal Electrophoresis Tank

The ET-H2 is ideal for restriction fragment analysis, sample prep or checking of high numbers of samples.

Features:

- * Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- * Dismountable electrodes make maintenance easily.
- * Sample background color design, adding the sample conveniently.
- * The PC transparent top lid prevents liquid volatilization and electricity leakage.
- * Auto-switch-off when the lid is removed
- * Recommended power supply: BPS-2/ BPS-3



Technical Parameters:

Model	ET-H2
Gel Trays(W*L)	60*60mm, 120*60mm, 60*120mm, 120*120mm
Comb Thickness	1&1.5mm
Comb Throughput	1, 2, 3, 6, 8, 11, 13, 18, 25 samples
NO. of Samples	1~100
Buffer Volume	550ml
Standard Accessories	Body tank with electrode*1, Gel tray 120*120mm*1, Gel tray 120*60mm*1, Gel tray 60*120mm*1, Gel tray 60*60mm*2, Gel box*1, Leveling feet*1 1.5mm thickness 1/2/3 wells comb*1, 1.0mm thickness 6/13 wells comb*2 1.0mm thickness 8/18 wells comb*2, 1.0mm thickness 11/25 wells comb*2
External Size(L*W*H)	300*160*75mm
Package Size(L*W*H)	460*250*200mm
Gross Weight	2kg

ET-H3
Horizontal Electrophoresis Tank

Features:

- * Auto-switch-off when the lid is removed.
- * Special gel caster, prevents the gel leakage.
- * Dismountable electrodes make maintenance easily.
- * The PC transparent top lid prevents liquid volatilization and electricity leakage.
- * Abundant buffer not only guarantees cooling effects, but also keeps the pH Value stable during the whole experiment process.
- * Recommended power supply: BPS-2/BPS-3



Technical Parameters:

Model	ET-H3
Gel Tray (W*L)	200*200mm, 200*150mm, 200*100mm
Comb Thickness	1.0&1.8mm
Comb Throughput	17, 22, 36, 44 samples
NO. of Samples	17~264
Buffer Volume	1800ml
Standard Accessories	Body tank with electrode*1, Gel tray 200*200mm*1, Gel tray 200*150mm*1, Gel tray 200*100mm*1, Gel Caster*1, 1.0mm thickness 17 wells comb*2, 1.8mm thickness 17 wells comb*2, 1.0mm thickness 22 wells comb*2, 1.8mm thickness 22 wells comb*2, 1.0mm thickness 36 wells comb*4, 1.8mm thickness 36 wells comb*2, 1.0mm thickness 44 wells comb*2, 1.8mm thickness 44 wells comb*2, Leveling feet*4
External Size (L*W*H)	397*230*83mm
Package Size(L*W*H)	530*390*220mm
Gross Weight	5kg

Vertical Electrophoresis Tank

Vertical electrophoresis is used for separation, purification and preparation of nucleic acid and protein samples in life science research.

ET-V1 Vertical Electrophoresis Tank

Features:

- * Easy installation
- * Auto-switch off when the lid is removed
- * Sample background color design, adding the sample conveniently.
- * Abundant buffer not only guarantees cooling effects, but also keeps the PH value stable during the whole experiment process
- * 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.
- * Recommended power supply: BPS-2



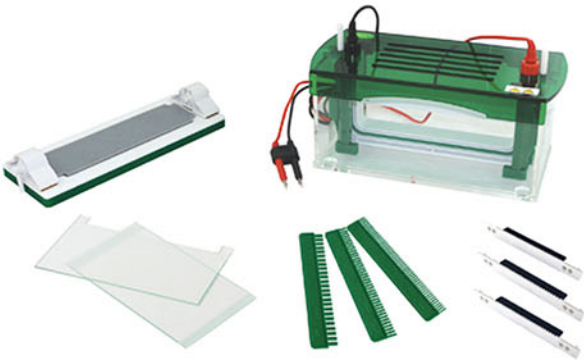
Technical Parameters:

Model	ET-V1
Glass Tray (W*L)	100*100mm
Gel Tray (W*L)	82*88mm
Comb Thickness	0.75, 1.0 &1.5mm
Comb Throughput	11, 15 samples
Amount of Gel:	1~2 piece
NO. of Samples	11~30
Buffer Volume	750ml
Standard Accessories	Body tank with electrode*1, Gel casting base*1, Notched glass plates*4, 0.75mm bonded glass spacer*2, 1.0mm bonded glass spacer*2, 1.5mm bonded glass spacer*2, 0.75 mm thickness 11 wells comb*2, 1.0mm thickness 11 wells comb*2, 1.5mm thickness 11 wells comb* 2, 0.75mm thickness 15 wells comb*2, 1.0mm thickness 15w ells comb*2, 1.5mm thickness 15 wells comb*2, Gel shovel*1, Clamp version*2, Dummy plate*1
External Size (L*W*H)	150*120*115mm
Package Size(L*W*H)	370*300*220mm
Gross Weight	2kg

ET-V2 Vertical Electrophoresis Tank

Features:

- * Easy installation
- * Safety button for lid opening
- * Auto-switch off when the lid is removed
- * Precast gel core, do not affecting the operation of gel making while the electrophoresis.
- * Abundant buffer not only guarantees cooling effects, but also keeps the PH value stable during the whole experiment process.
- * 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 obseration the gel preparation from the glass on both sides, ensures fast set up times and leak-free operation.
- * Recommended power supply: BPS-3



Technical Parameters:

Model	ET-V2
Glass Trays (W*L)	216*220mm
Gel Trays (W*L)	186*205mm
Comb Thickness	1.0mm
Comb Throughput	25, 40, 52 samples
Amount of Gel	1~2 pieces
NO. of Samples	25~52
Buffer Capacity	3500ml
Standard Accessories	Body tank with electrode*1, Gel casting base*1, Notched glass plates*4, 1.0mm bonded glass spacer*4, 1.0mm thickness25 wells comb*2, 1.0mm thickness 40 wells comb*2, 1.0mm thickness 52 wells comb*2 25 well Guide sample device*2, 40 well Guide sample device*2, 52 well Guide sample device*2
Optional Accessory	Cooling circulation device
External Size(L*W*H)	280*140*250mm
Package Size(L*W*H)	460*400*450mm
Gross Weight	9kg

Electrophoresis Appratus



Features:

- * Auto-switching function.
- * Automatic memory function.
- * Control: Intelligent microprocessor control unit
- * Automatic detection of no-load, over-load, short circuit, rapid resistance change, ground leak and system overheating.

Technical Parameters:

Model	BPS-1
Output	Constant-voltage or current(adjustable)
Output range	5--300V, 1--300mA, 90W (Maximum)
Increment	1V, 1mA
Timing	1min~9h59min
Display	LED: constant-voltage, current and power values
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
External Size(L*W*H)	280*237*118mm
Package Size(L*W*H)	380*340*230mm
Gross Weight	4kg

Electrophoresis Appratus



Features:

- * 10 electrophoresis methods can be stored.
- * Automatic memory function.
- * Buzzing alarm for misoperation & faults.
- * Unibody design, touch keys, dual core microprocessor control.
- * Display preset value and actual output value at the same time.
- * Automatic detection of no-load, over-load, short circuit, rapid resistance change, ground leak and system overheating

Technical Parameters:

Model	BPS-2	BPS-3
Voltage Range	3~300V	10~600V
Current Range	1~400mA	1~500mA
Power Range	1~120W	1~300W
Increment	1V, 1mA, 1W	
Type of Output	Constant-voltage, current or power	
Display	LCD	
Output Port	Four sets	
Timing	1min~9h59min	
Optional	Power recovery function; Non-proliferation field function	
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	
External Size(L*W*H)	280*237*118mm	
Package Size(L*W*H)	380*340*230mm	
Gross Weight	4kg	