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Profile

WIX TECHNOLOGY BEIJING CO., LTD (WIX for short) was established in 2015. It is a technology-based private manufacturing enterprise integrating product development, manufacturing, marketing, and technology consulting.

WIX mainly develops and produces instruments in the field of life science including a range of electrophoresis tanks, electrophoresis power supplies, gel imaging systems, semi-dry transfer systems, wet transfer systems and other instruments for life science.

WIX always takes scientific and technological innovation as its purpose, takes user needs as its own responsibility, firmly grasps the opportunity of the rapid development of modern biotechnology, starts with the development of high and new technology, and with differentiated design concepts to continuously develop and produce innovative and technologically advanced laboratory high-end equipment.

WIX unremittingly implements the quality policy, efficiency, improvement, and innovation, and integrates the spirit of various management systems and product standard requirements into the daily operation of the company. In corporate management, WIX adheres to the spirit of bright sword, advocates the craftsman spirit in product manufacturing, and pursues the professional spirit in after-sales service to ensure that products and service standing the inspection of the market and users.





WIX is devoted in the fields of electrohoresis and blotting with a wide range of instruments, including western blotting system of electrophoresis tanks, mini vertical blot and electrophoresis power supplies, etc.



Products

Electrophoresis Power Supplies



Advantages

Output: constant voltage, constant current and constant power.

The use of constant voltage accounts for approximately more than 80%, the use of constant current accounts for approximately 15%, and the use of constant power accounts for approximately 5%.

Protein function: Under constant 80V, protein electrophoresis is to run spacer gel for 30min, and then run separating gel under constant 120V. Automatic switching from spacer gel mode to separated gel mode, reducing the tedious manual reset.

Power supply designed with LCD display, showing simultaneously of voltage, current, power and timing.



Features

- ◆ Output: constant voltage, constant current and constant power.
- ◆ Automatic adjustment: Any one of constant voltage, constant current and constant power is set constant value, the rest are set automatically, which avoids the manual working and phenomenon of false-constant value.
- ◆ Micro-current mode: micro-current mode is triggered automatically once the electrophoresis activity is finished, which avoids the diffusion of sample and idle work.
- ◆ Protein function: Under constant 80V, protein electrophoresis is to run spacer gel for 30min, and then run separating gel under constant 120V. Automatic switching from spacer gel mode to separated gel mode, reducing the tedious manual reset.
- ◆ Safety: Automatic monitor of over-voltage, voltaic arc, no load, sudden change of load, overload, and short circuit. Leakage protection, function of pause, alarming of open circuit
- ♦ Others: LCD readable voltage, current, power, time set.4 -group parallel connection with multi-electrophoresis apparatus. Storage of 20 programs with each less than 10 steps.

Specifications

Model	WIX-EP300 Basic Electrophoresis Power Supply	WIX-EP600 Universal Electrophoresis Power Supply	WIX-EP3000 HC Electrophoresis Power Supply
Cat. No.	10105001	10107001	10118001
Output	300V/400mA/75 W	600V/1200mA/500W	250V/3000mA/300W
Display	192×64LCD		
Sensitive limit	voltage 1V, current: 1mA, power: 1W, time: 1min		
Throughput	4-group parallel connection		
Time set	1min-99h59min		
Dimension (mm)	300×240×100 (L×W×H)		
Weight (kg)	2.0	2.5	2.5



WIX-fourEP

Four-Control Electrophoresis Power Supply

Cat. No. 10114001



Features

- ◆ Four output ports featuring independent control and united control; eletrophoresis of protein and nucleic acid, transfer respectively; multi-purpose use to save lab space.
- ◆Output: constant voltage and constant current.
- ◆Protein function: Automatic switching from spacer gel model to separated gel model, reducing the tedious of manual reset.
- ◆Automatic set: If one constant value is set, the other two values are set automatically, streamline the set process.
- ◆Microcurrent: Automatic switching into microcurrent mode as electrophoresis is over, thus, avoiding the over-running of gels and samples diffusion caused by timing turning off.
- ◆ Safety: Automatic monitor of over-voltage, voltaic arc, no load, sudden change of load, overload, and short circuit. Leakage protection, alarming of open circuit, power automatic recovery, pause/restore function.
- ◆LCD readable voltage, current, power and time set.

Specifications

Output	voltage: 5-600V; current: 1-1200mA; power: 500W
Single output	voltage: 5-600V; current: 1200mA; power :125W
Sensitive limit	voltage 1V, current 1mA, power 1W
Time set	1min-99h59min
Dimension (mm)	352×240×240 (L×W×H)
Weight	3.5Kg



Mini Easy Vertical Electrophoresis Cells



Advantages

WIX-easyPRO gets two Chinese patents, perfectly avoid US patent protection of the Bio-Rad.

Electrophoresis Core:

The sliding round bars of electrophoresis core lifts the short glass plate that there is no need to push up manually.

Gel-casting frame:

The whole flat plate is easy for observation of the gel casting process.

The bottom supporter avoids glass plate falling down from the gel-casting frame.

Gel Base:

The enforced PC locker is stable and durable. The press and push lock to clamp the glass plate firmly with even force.



Features

- ◆The bottom of the gel-casting frame is supported by very flat glass to prevent the glass plate from sliding.
- ◆ The press-lock mechanism works better. The contrasting design clearly reflects the making process of separated gel. The press-to-lock design avoids the gel leakage caused by aging or poor function of traditional spring-pressure.
- ◆The design of sliding wedge of side fastener of electrophoresis core presses the short glass onto the sealing gasket tightly to avoid liquid leakage caused by traditional rotary side fastener.
- ◆ The cam gel-making frame ensures the accurate aligning.
- ◆Including 2 or 4 independent gel-cast frame and casting 1-4 gels simultaneously.
- ◆Easy to read the gauged glass plate and clearly marked comb.
- ♦ Platinum electrode: φ0.25mm.

Specifications

Model	WIX-easyPRO4 Mini Easy Vertical Electrophoresis Cell	WIX-easyPRO2 Mini Easy Vertical Electrophoresis Cell		
Cat. No.	10110001	10110002		
Gel quantity	1-4 gels	1-2 gels		
Gel thickness	1.0mm,	1.0mm, 0.75mm,1.5mm		
Glass plates	Short glass plate: 100×73mm; Spacer glass plate: 100×83mm			
Gel size	83×73mm			
Combs	0.75mm	1.0mm: 10 and 15 wells (standard accessories) 0.75mm: 10 and 15 wells 1.5mm: 10 and 15 wells		
Compatible precast gels and size	*	Compatible with BIO-RAD mini-PROTEAN TGX Max: 10x8 cm		
Dimension (mm)	180×130×160 (L×W×H)			



Mini Vertical Electrophoresis Cells



Advantages

WIX-miniPRO is exact equivalent against Mini-PROTEAN Tetra Cell, every single accessory is fully compatible with Mini-PROTEAN Tetra Cell.

0.25 mm 99.99% of platinum wire is used, 56% more than diameter of ordinary electrophoresis platinum wire, to improve the life of the product.

Integral injection molding of imported German polycarbonate of plastic accessories, transparent, longer lifetime.



Features

- ◆ Filler strip is fixed to glass place to avoid leakage of gel.
- ◆ Gel-making kit ensures the accurate aligning.
- ◆ Excellent leakproofness.
- ◆ Special comb does not stop gel polymerization. Built-in kit isolates gel from air.
- ◆ Thickness and well-marked comb is readable.
- ◆ Equipped with multi-functional gel scraper.
- Platinum electrode: φ0.25mm.

Specifications

Model	WIX-miniPRO4 Mini Vertical Electrophoresis Cell	WIX-miniPRO2 Mini Vertical Electrophoresis Cell		
Cat. No.	10103001	10103002		
Gel quantity	1-4 gels	1-2 gels		
Gel thickness	1.0mm,	1.0mm, 0.75mm,1.5mm		
Glass plates	Short glass plate: 100×73mm; Spacer glass plate: 100×83mm			
Gel size	83×73mm			
Combs	1.0mm: 10 and 15 wells (standard accessories) 0.75mm: 10 and 15 wells 1.5mm: 10 and 15 wells			
Compatible precast gels and size	Compatible with BIO-RAD mini-PROTEAN TGX Max: 10x8 cm			
Dimension (mm)	180×130×160 (L×W×H)			



Precast Gel Vertical Electrophoresis Cells

Features

- ◆Being compatible with mini precast gel of ThermoFisher NuPage, ThermoFisher Novex and BIO-RAD mini-PROTEAN TGX.
- ◆Holding 1-4 precast gel(s), running 4 mini precast gels within 1 hour.
- ♦ Platinum electrode: φ0.25mm.

Specifications

Model	WIX-multiPRO4 Mini Vertical Electrophoresis Cell	WIX-multiPRO2 Mini Vertical Electrophoresis Cell	
Cat. No.	10111001	10111002	
Gel quantity	1-4 gels	1-2 gels	
Max compatible gel size	10×10 cm		
Compatible precast gels	Compatible with with mini precast gel of ThermoFisher NuPage and ThermoFisher Novex and mini precast gel of BIO-RAD mini-PROTEAN TGX		
Dimension (mm)	180×130×160 (L×W×H)		



Mini Vertical Blot Cells

WIX-miniBLOT Mini Vertical Blot

Cat. No. 10104001



Transferring protein sample to nitrocellulose membrane, PVDF membrane etc.

Two transfer plates are available.

Configuration

- ◆Platinum wire battery lead plate
- ◆ Transfer plates with sponge liner
- ◆2 cooling units

Features

- ◆ High-current fast transfer and low-current overnight transfer are available.
- ◆Built-in freeze block absorbs heat efficiently.

Specifications

◆Transfer size: 110*90mm

◆Quantity: 1-2 piece(s)

◆Dimension: 180×130×160mm (L×W×H)



WIX-miniBLOT4 4-gel Mini Vertical Blot

Cat. No. 10119001





Features

Transferring protein sample to nitrocellulose membrane, PVDF membrane etc. Four transfer plates are available.

High-current fast transfer and low-current overnight transfer are available. Built-in freeze block absorbs heat efficiently.

Specifications

◆ Transfer size: 110*90mm ◆ Quantity: 1-4 piece(s)

♦Platinum electrode: φ0.25mm

 \bullet Dimension: 135×180×180mm (L ×W×H)

Accessories

1. Platinum wire electrode plate

2. Blot Clips + sponges

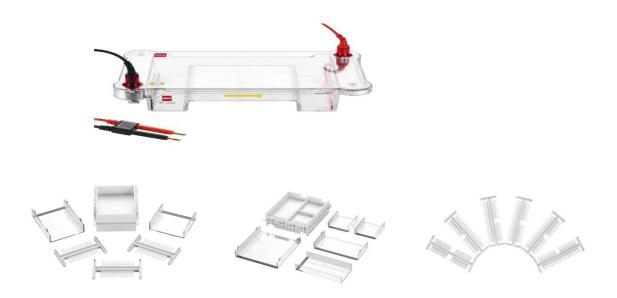
*3. Including with 1 multi-purpose centrifuge tube support with 91 pieces of different sizes and 1 support for glass plates

*4. 2 cooling units

5. An external circulating cooling power supply can be used together to reduce the temperature during transfer to ensure the transfer effect.



Horizontal Electrophoresis Cells



Advantages

The arc-spark stand is snap-fit to avoid leakage due to aging of rubber gasket caused by traditional plastic screw tightening.

The power cord connection is snap-fit, easy for replacement.

Silkscreen indicates electrophoresis direction to put electrophoresis samples into the right electrode in order not running into the buffer.

0.25 mm 99.99% of platinum wire is used, 56% more than diameter of ordinary electrophoresis platinum wire, to improve the life of the product.

Integral injection molding of imported German polycarbonate of plastic accessories, transparent, longer lifetime.



Features

- ◆Separation and analysis of at most 108 samples within 20 minutes, which is advantageous in recycle of DNA fragment.
- ◆ The gel tray with fluorescent gauge is high temperature resistant, non-deformed in 100°C. Gel irrigation can be done before agarose is cooled.
- ◆ Built-in movable e-engine without washer, easy maintenance, non-leakage.

Specifications

Model	WIX-midiDNA Multipurpose Horizontal Electrophoresis Cell	WIX-miniDNA Mini Horizontal Electrophoresis Cell	
Cat. No.	10101001	10102001	
Gel size	130×130mm, 130×65mm, 65×130mm, 65×65mm	70×70mm, 70×100mm	
Combs	0.75mm: 7+7wells/14wells, 9+9wells/19wells; 1.0 mm: 12+12wells/27wells 1.5mm: 7+7wells/14wells, 9+9wells/19wells; 2.0mm: 3+2wells/3+3wells		
Max samples	108	32	
PCR electrophoresis	Comb 27 wells*4 rows		
Buffer volume	1000ml	260ml	
Dimension (mm)	300×170×80 (L×W×H)	260×110×80 (L×W×H)	
Weight (kg)	1.1	0.6	



Fast Semi-dry Blot

WIX-fastBLOT

Cat. No. 10112001



1. Working condition

1.1 Temperature: 5°C~40°C; Relative moisture: 20%~80%

2. Technical requirement

- 2.1 *Blot throughout: 4 mini gels or 2 midi gels; 2 blot cassettes, one of the two cassettes can be used for operation or two cassettes can be used respectively in the right orders. Two independent blot programme can be used at the same time. The blot area is 15.5x11x2 cm.
- 2.2 The world uniquely design for high efficient heat dissipation channel, is to release the heat during the operation and ensure the reliability of the lab in the low temperature.
- 2.3 Easy operation: optional ready-to-use blot consumable package, no need to prepare buffer and membrane;
- 2.4 *Blot speed: blotting 2 mini gels within 3 minutes, blotting 4 mini gels or 2 midi gels within 7 minutes.
- 2.5 *Power: Built-in integrated power supply, voltage 0-30V (1V adjustable) current (0-3A) (0.1 adjustable).
- 2.6 Customer interface, 5-inch capacitive touch screen, sensitive touching screen, convenient operation. Automatic programme running; The preset programme guides the lab design and modifies the programme manually on the basic of the needs (9 groups of data are available for recorded automatic storage and customer-decisive storage).
- 2.7 Electrode Design: Buckle locking mode with plate electrode design ensure uniformity of pressure and field strength.
- 2.8 Application: Being compatible with traditional lab reagent and consumable.
- 2.9 Dimension (mm): 290*220*200

3.0 Weight: 3.9kg



3. Configuration requirement

1 set of Blot System (including built-in power supply and 2 pieces of blot cassettes)

Fast Electrophoresis Blot System

WIX-coolEB

Part 1 WIX-coolEP Temperature-control Electrophoresis Power Supply



Features

- ◆ With the function of power supply and thermostatic circulator, normal output of current and voltage, simultaneously lowering the temperature efficiently.
- ◆ Output type: constant voltage and constant current.
- ◆ Protein function: Automatic switching from spacer gel mode to separated gel mode, reducing the tedious of manual reset.
- ◆Automatic set: If one constant value is set, the other two values are set automatically, streamline the set process.
- ◆Microcurrent: Automatic switching into microcurrent mode as electrophoresis is over, thus, avoiding the over-running of gels and samples diffusion caused by timing turning off.
- ◆ Safety: Automatic monitor of over-voltage, voltaic arc, no load, sudden change of load, overload, and short circuit. Leakage protection, alarming of open circuit, power automatic recovery, pause/restore function.
- ◆ LCD readable voltage, current, power and time set.
- ◆4 -group parallel connection with multi-electrophoresis cells.
- ◆ Storage of 5 programs with each less than 2 steps.

Specifications

◆Output: voltage: 5-300V; current: 0.1-3A; power: 75W

◆ Sensitive limit: voltage 1V, current 1mA

◆Timing range:1min–99h59min



 \bullet Dimension (mm): 260×160×200 (L×W×H)

◆Temperature: 5-25°C

♦ Weight: 2.6Kg

Part 2 Platinum-plated Electrode Blot Cell

Features

- ◆ There is a circulation opening on the side of the tank, which can reduce the buffer temperature by circulation.
- ◆The maximum support for 6000mA high current fast transfer, the fastest transfer within 7 minutes
- ◆ Transferring 4 gels simultaneously, transfers the protein samples to NC membrane, PVDF membrane etc.

Specifications

◆Transfer size: 110*90mm

◆Transfer number: 1-4 piece(s)

 \bullet Dimension (mm): 180×130×160(L×W×H)



Automatic Western Blot System

WIX-autoPP



- ◆ Automatic, high throughput and good repeatability of experiment.
- ◆ Different sample incubation tanks are controlled by different independent programs to facilitate the arrangement of experiment.
- ◆ Mechanical arm type for adding primary antibody and secondary antibody.
- ◆Compact size, large touching screen and humanized design.
- ◆Fully automated: no need manual operation after the reagent being added.
- ◆Flexible throughout: 12 incubation tanks. Each incubation tank is filled with different primary antibodies and secondary antibodies, at most 24 membranes can be dealt simultaneously.
- ◆ Available sizes of incubation tanks: 30×80mm, 64×80mm and 98×80mm
- ◆ Automatic recycle of primary antibody and secondary antibody which can be used ten times.
- ◆ Automatic pipe washing and removing the residual reagent when programme ends.
- ◆Being programming, the interface indicates the real time condition of every mode.
- ◆ The washing buffer can stay in sample tray so as to keep the membrane wet.
- ◆ Compatible with other brand consumables.



Shakers



Product	NC Circular Shaker	NC Circular Shaker	NC Linear Shaker	NC Linear Shaker
Model	WIX-SKO330	WIX-SKO180	WIX-SKL330	WIX-SKL180
Diameter or angle of inclination	10mm	20mm	10mm	20mm
Max load	7.5kg	3kg	7.5kg	3kg
Motor	Brushless DC	DC motor	Brushless DC	Brushless DC
	motor		motor	motor
Speed	100~500rpm	40~200rpm	100~350rpm	40~200rpm
Speed/timer indicator	LCD			
Time range	1 min-19h59min			
Voltage	100~240V, 50/60Hz			
Power	20W 20W 20W 20W			



Product	NC Tilting Shaker	NC Tilting Shaker	NC 3D Shaker	NC 3D Shaker
Model	WIX-SKR330	WIX-SKR180	WIX-SKD330	WIX-SKD180
Diameter or ang le of inclination	10°	7°	10°	7°
Max load	10kg	3kg	5kg	3kg
Motor		Brushless	DC motor	
Speed	10~70rpm 10~80rpm 10~70rpm		10~80rpm	
Speed/timer indicator	LCD			
Time range	1 min-19h59min			
Voltage	100~240V, 50/60Hz			
Power	40W	20W	50W	20W



WIX-multiCUT Multi-Ray Transilluminator



Features

- ◆ Providing excitation light sources with variety of wavelength, which are adapted to a variety of fluorescent dyes, greatly facilitating the experiment;
- ♦ High sensitivity: with green fluorescent dye, it detects 0.5 ng (1000 bp) dsDNA;
- ◆ No damage: blue light source causes no harm to human body, gel and sample.
- ♦ Wide application; Being compatible with many fluorescent dyes, such as GeneGreen, GelRed, GelGreen, SYBR GreenI, SYBR Safe, Goldview, SYBR Gold, SYPRO Ruby, SYPRO Orange, SYPRO Tangerine, eGFP, Cy2, FITC, EB etc.
- ◆Long life span: life-span of LED is 50,000 h;
- ◆ Humanization: the filter rotates from multiple angles to facilitate gel cutting.

Specifications

◆ Size of light transmission: 150 ×200mm

◆ Transmission light source: 470nm, 365nm and white light

♦ Sensitivity: 0.5ng (1000bp) DNA

◆Input power supply: DC 12V, 1.25A



Dry Baths



Model	WIX-dryBATH-HCS	WIX-dryBATH-HS	WIX-dryBATH-HC
Function	Heating, cooling and mixing	Heating and mixing	Heating and cooling
Temperature range	Minimum lower than the room temperature 15 °C, Maximum 100 °C	5°C more than the room temperature, Maximum 100°C	25°C less than the room temperature, Maximum 100 °C
Temperature set range	0.1°C~100°C	15°C~100°C	-5°C/100°C
The deviation range		$[20-45^{\circ}\text{C}] \pm 0.1^{\circ}\text{C}$	
Temperature uniformity		$[20-45^{\circ}C] \pm 0.5^{\circ}C$	
Maximum heating speed		[°C/min] 5.5	
Maximum cooling speed	5°C (from 100°C to the room temperature), 0.5°C (lower than room temperature)		5 (110°C~room temperature.) 0.5 (until lower than room temperature)
Speed adjustment	300	-2000	
Mixing diameter		3	
Screen		LCD	
Maximum program number	9		
Input voltage	100-240V, 50Hz/60Hz		
Power	200W 200W		200W
Time set range	1min~99h59min		
Working environment temperature	5~40°C		
Working environment moisture	80%		



Certificates

CE





National Patent for WIX-easyPRO Gel-casting Frame Patent





National Patent for WIX-easyPRO Gel Base Patent



其他事项参见背面

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