



LABORATORY LINES

MINI ELECTROPHORESIS SYSTEM



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A different accompaniment, at your service





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A different accompaniment, at your service

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In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



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In any part of the world, receive your induction or training from our specialized team of engineers



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Our work team is always available to response all your consults or questions, in order to support you in any situation.



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Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



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We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



Kalstein Worldwide

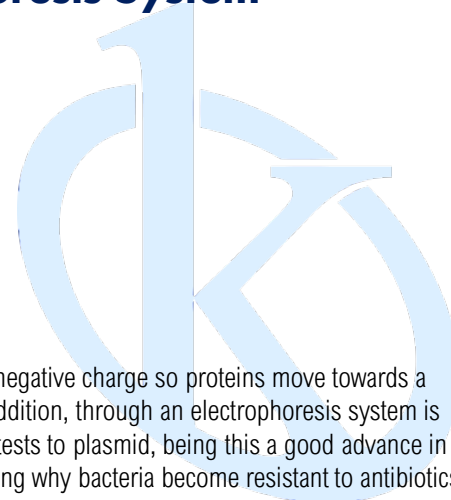
With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.





Mini-Electrophoresis System

Series YR401



In the biological field, there are a lot of tests and research techniques that need the proper devices and instruments in order to get reliable results. Whether is a medical laboratory or a chemistry one, their inventory has to be perfectly stocked with the highest technology available, so that they perform samples and researches with trustworthy results.

One of the most essential procedures in an every-day routine inside a lab is DNA and RNA analysis through electrophoresis. DNA stands for deoxyribonucleic acid, while RNA is ribonucleic acid. Although DNA and RNA both carry genetic information, there are quite a few differences between them. DNA has a Long-term storage of genetic information and transmission of genetic information to make other cells and new organisms. On the other hand, RNA transmits genetic information in some organisms and may have been the molecule used to store genetic blueprints in primitive organisms.

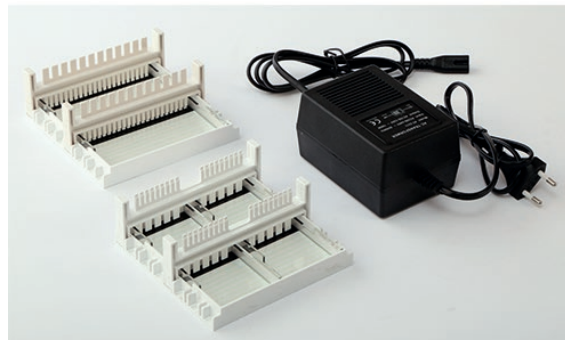
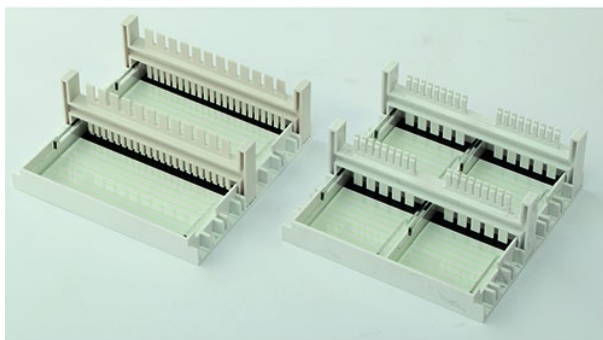
Mini-Electrophoresis system

Electrophoresis is one of the most common techniques in the field that offers DNA and RNA analysis. This technique is used in laboratories in order to separate macromolecules based on size. The

technique applies a negative charge so proteins move towards a positive charge. In addition, through an electrophoresis system is possible to perform tests to plasmid, being this a good advance in terms of understanding why bacteria become resistant to antibiotics.

In this case, we are presenting you with a mini-electrophoresis system designed for RNA and DNA analysis. That is why we are offering you two models, the YR401 and YR402. The only difference between those two models is their input power, being the first AC100~120V 50~60Hz and the second one AC100~240V 50~60Hz. These are compact, lightweight and easy to operate electrophoresis system. Both models have a magnetic sensor that allows current to flow to the electrodes only when the lid is in place. If the lid is removed while the system is operating, it will shut down immediately. It is ideal for many applications, including Northern and Southern blotting, cosmid library-restriction analysis, microsatellite analysis, PCR fragment analysis, DNA fingerprinting and high-throughput analysis.

Their bath dimensions are (WxDxH) 110 x 121 x 43 mm, the volume of Bath is 230 ml. These models' maximum power is 40 W and the overall Dimensions are (WxDxH) 190 x 130 x 60 mm.



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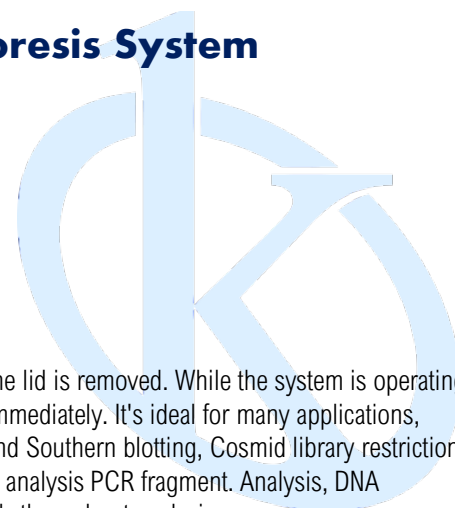
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Mini-Electrophoresis System

Series YR401



Product Information

Product Model: YR401, YR402

Product Name: Mini-Electrophoresis System.

Mini Electrophoresis System is specifically designed for DNA and RNA electrophoresis. Voltages 35V / 50V / 10A0V, compact, lightweight and easy to operate are its features.

1. YR401: AC100~120V 50~60Hz.
2. YR402: AC220~240V with transformer 50~60Hz.
3. Output Power: DC35V/DC50V/DC100V.

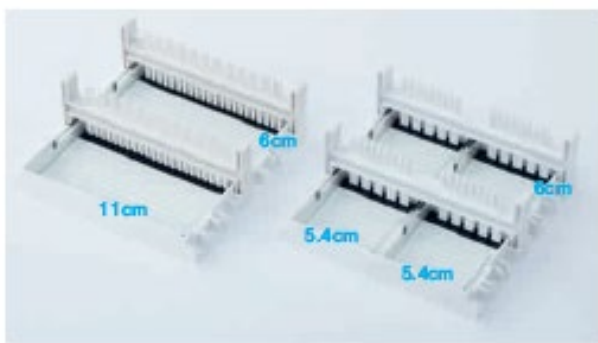
Mini Electrophoresis System is specifically designed for DNA and RNA electrophoresis. Voltages. 35V/50V/100V, compact, lightweight and easy to operate are its features.

A magnetic sensor allows current to flow to the electrodes only when

the lid is in place. If the lid is removed. While the system is operating, it will be shut down immediately. It's ideal for many applications, including. Northern and Southern blotting, Cosmid library restriction analysis microsatellite analysis PCR fragment. Analysis, DNA fingerprinting and high-throughput analysis.

Features:

- ✓ Input Power: AC100~120V 50~60Hz or AC220~240V with transformer 50~60Hz.
- ✓ Output Power: DC35V/DC50V/DC100V.
- ✓ Bath Dimensions (WxDxH): 110x121x43mm.
- ✓ Volume of Bath: 230ml.
- ✓ Construction of Bath: PC+ABS with high temperature resistance.
- ✓ Max.Power:40W.
- ✓ Timer range:1min~99min.
- ✓ Overall Dimensions (WxDxH):190x130x60mm.



Accessories

Tooth wide (width x thickness x no.)	3mm x 1mm x 22 / 5.6mm x 1mm x 12 / 3mm x 1mm x 18 / 5.6mm x 1mm x 10
Gel Dimension (W x D)mm	126 x 126mm-1pcs
Gel Migration Board (W x D)mm	110 x 60mm-2pcs / 54 x 60mm-4pcs



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Mini-Electrophoresis System

Series YR401



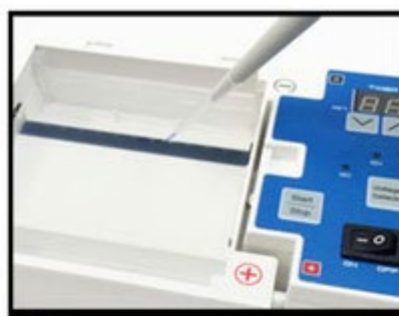
Mini-Electrophoresis System

Model:	YR401	YR402
Input Power:	YR401: AC100-120V 50-60Hz YR402: AC220-240V with transformer 50-60Hz	
Output Power:	DC35V/DC50V/DC100V	
Bath Dimensions (WxDxH):	110x121x43mm	
Volume of Bath:	230ml	
Construction of Bath:	PC+ABS with high temperature resistance	
Max. Power:	40W	
Timer:	1-99min	
Dimensions(mm):	190x130x60mm	



1 **Pour**

Two sizes of gel trays and combs included



2 **Load**

Contrast strip aids loading

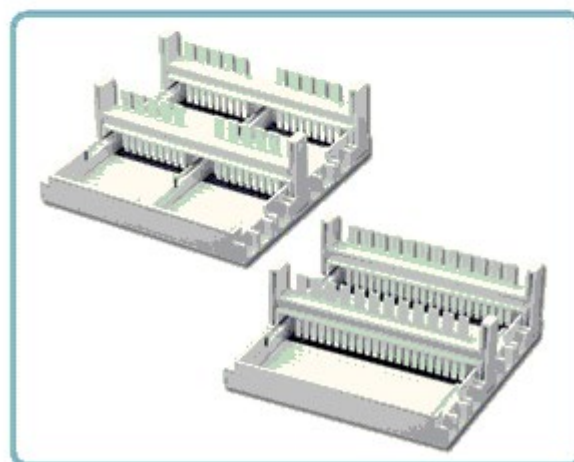


3 **Run**

Just press "start"



Convenient, snap-in power supply eliminates cables



Includes Casting sets with multichannel compatible combs



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Mini-Electrophoresis System

Series YR401



Vented Safety Lid

Stops operation when the lid is removed. Creates air flow to minimize gel warping due to overheating.

Integrated Timer

With a setting from 1 to 99 minutes, automatic shut-off, or indefinite hold regime.

Convenient Voltage Presets

Membrane keyboard with 3 voltage presets of 35V, 50V, and 100V lets you start your gel run faster.



Compact Design

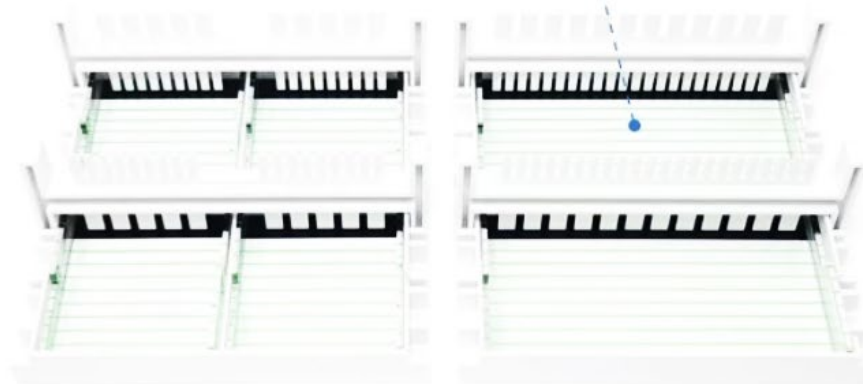
Only 7.5" x 5" footprint (including gel tank and power supply)

Simple Gel Casting

All accessories included. No spacer or clamps needed. Can cast multiple gels in parallel.

Integrated Power Supply

No external power supply is needed, saving you valuable bench space and money.



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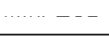











Mini-Electrophoresis System Model YR401 – Packing List

No.	Contents	Specs	QTY
1	Main Device		1 pc
2	Power cord		1 pc
3	Gel maker Stand (A)		1 pc
4	Gel maker Stand (B)		1 pc
5	Gel Tray (A)		2 pcs
6	Gel Tray (B)		4 pcs
7	Combs (A)		2 pcs
8	Combs (B)		2 pcs
9	User Manual		1 pc
10	Inspect Certificate		1 pc

Model YR402 – Packing List

No.	Contents	Specs	QTY
1	Main Device		1 pc
2	AC transformer		1 pc
3	Gel maker Stand (A)		1 pc
4	Gel maker Stand (B)		1 pc
5	Gel Tray (A)		2 pcs
6	Gel Tray (B)		4 pcs
7	Combs (A)		2 pcs
8	Combs (B)		2 pcs
9	User Manual		1 pc
10	Inspect Certificate		1 pc



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Not just be informed, be fully informed

The 3 articles of the week!

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1
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microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form

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Article of the week:
How does the climate affect your microscope?

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2
Read this ARTICLE NOW

What is the importance of the laboratory refrigerator?

refrigerator is a device that is one of the most common pieces of equipment used in laboratories. It is a controlled environment (refrigerated space), various fluids and substances

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Article of the week:
What is the importance of the laboratory refrigerator?

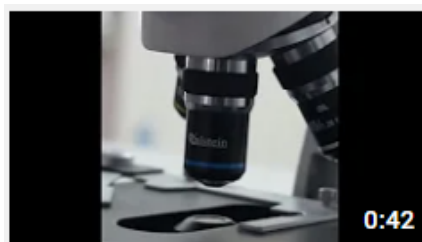
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