



# LABORATORY LINES

## ELECTROPHORESIS



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A different accompaniment, at your service





# Kalstein®

A different accompaniment, at your service

OUR SERVICES

## Benefits and Support

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.



### Online Inductions and Trainings

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



### Quick Response

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



### #Letsgivemore ♥

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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.



### Delivery Logistics

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



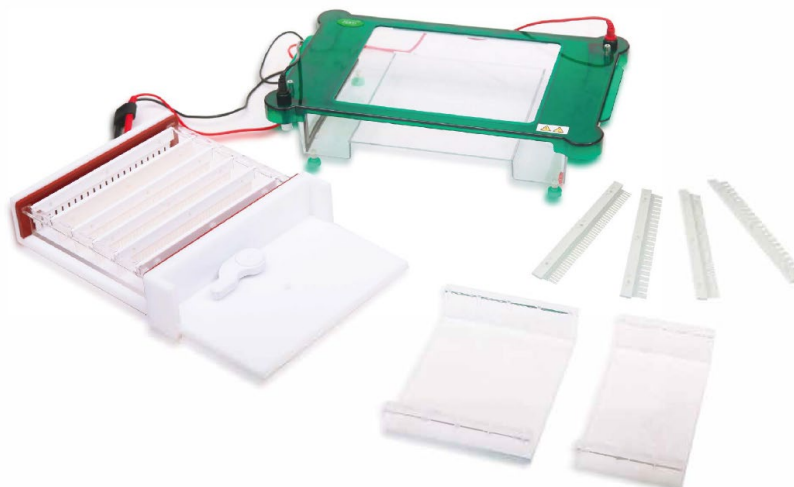
### Kalstein Worldwide

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.



## Horizontal Electrophoresis Tank

Model YR03420



- Abundant buffer not only guarantees cooling effects, but also keeps the pH value stable during the whole experiment process.
- Removable electrodes enable maintenance and replacement easy and quick.
- Adding sample more quick and suitable for the multi-channel pipettes.
- With a special gel casting, preventing the gel leakage, operation is simple and convenient.
- It's more convenient to open the lid with the easy-open buttons.
- It prevents buffer volatilizing and electricity leakage with transparent lid.
- Auto-switch-off when the lid is moved.

### YR03420 Technical Specifications

Gel size (W×L)	200×200 (mm)
	200×150 (mm)
	200×100 (mm)
No. of samples	17~104
Total buffer volume	1800 (ml)
Dimension (L×W×H)	397×230×93 (mm)
Weight	3.3 (kg)

### YR03420 Packing List

Parts name	Quantity
Lid with cables	1
Body tank with electrodes	1
200×200mm Gel tray	1
200×150mm Gel tray	1
200×100mm Gel tray	1
Gel casting stand	1
1.0mm thickness 17-well comb	2
1.8mm thickness 17-well comb	2
1.0mm thickness 22-well comb	2
1.8mm thickness 22-well comb	2
1.0mm thickness 36-well comb	2
1.8mm thickness 36-well comb	2
1.0mm thickness 44-well comb	2
1.8mm thickness 44-well comb	2
level adjusting button	4



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## Universal Power Supplies

Model YR03400



YR series universal power supply comprise 9 models, including: YR03400, YR03401, YR03402, YR03403, YR03404, and more. The maximum output voltage varies from 200V to 3000V, can widely cover most electrophoresis experiments, Kalstein France can provide different types of power supplies for experiments with different uses.

Type of Output: Constant voltage, constant current or constant power

Increment: 1V, 1mA, 1W

Timing Range: 1min~99hr, 59min

Display: LCD display with backlight

Output jacks: Four sets of output jacks



- Molding shell, touch keys, dual core microprocessor intelligent control;
- Indicate the preset value and the actual output value at the same time;
- Can store 10 electrophoresis methods;
- Automatic memory function;
- Standard, timing operation function;
- Constant voltage, constant current, constant power, misoperation, fault and other warning functions;
- Automatic detection of no-load, over-load, short circuit, rapid resistance change, ground leak and system overheating.



Stackable Chassis Design



Antiskid foot



Low noise, Strong radiator Fan



Embedded Power Jacks



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## Universal Power Supplies

### Model YR03400



Model	YR03400	YR03401	YR03402	YR03403	YR03404
Voltage range	5~200 V	5~300 V	10~300 V	10~600 V	10~600 V
Current range	1~2000 mA	1~400 mA	1~1500 mA	1~500 mA	1~1000 mA
Power range	1~200 W	1~120 W	1~450 W	1~300 W	1~300 W
Type of control	Constant V, Constant I and Constant P	Constant V, Constant I and Constant P	Constant V, Constant I and Constant P	Constant V, Constant I and Constant P	Constant V, Constant I and Constant P
Display type	LCD screen with backlight	LCD screen with backlight	LCD screen with backlight	LCD screen with backlight	LCD screen with backlight
Output jack	Four sets	Four sets	Four sets	Four sets	Four sets
Storage function	Store 10 methods	Store 10 methods	Store 10 methods	Store 10 methods	Store 10 methods
Programming method	No	No	No	No	No
Timing function	1min-99h59min	1min-99h59min	1min-99h59min	1min-99h59min	1min-99h59min
V-hr function	No	No	No	No	No
Pause control function	Yes	Yes	Yes	Yes	Yes
Power recovery function	Optional	Optional	Optional	Optional	Optional
Automatic memory function	Yes	Yes	Yes	Yes	Yes
Automatic shutdown function	Yes	Yes	Yes	Yes	Yes
Intelligent prompt functions	Yes	Yes	Yes	Yes	Yes
Non-proliferation field function	Optional	Optional	Optional	Optional	Optional
Temperature detection function	No	No	No	No	No
Safety performance	Yes	Yes	Yes	Yes	Yes
Molding machine casing	Yes	Yes	Yes	Yes	No
Dimension (LxWxH)	280x237x118 (mm)	280x237x118 (mm)	280x237x118 (mm)	280x237x118 (mm)	263x275x125 (mm)
Weight	3.2 kg	3.2 kg	3.2 kg	3.2 kg	4.4 kg



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Not just be informed, be fully informed

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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 laboratory equipment. Its purpose is to maintain, in a controlled environment (refrigerated space), various fluids and substances

**Kalstein Blog**

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

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