



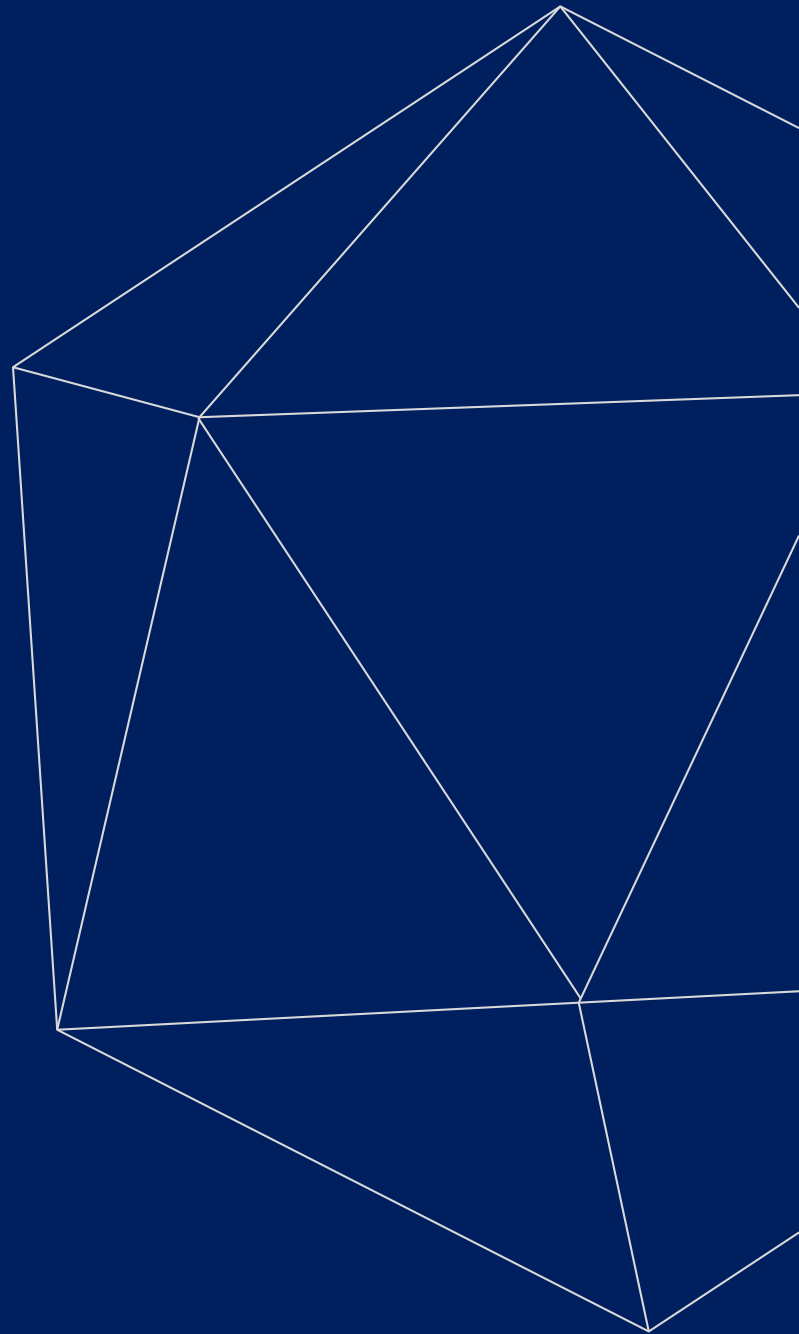
# LABORATORY SECTOR

PCR THERMAL CYCLERS



**Kalstein**®

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

Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



### 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.



## KALSTEIN® PCR Thermal Cyclers Thermal Cycler Model YR01871



### Product Description:

The YR01871 nucleic acid extractor is an automated nucleic acid extraction system that incorporates our innovative rotary mixing technology (RMT), which can significantly reduce the aerosol generated during the purification process, minimize the risk of false positive results caused by cross-contamination, and increase the accuracy of experiment results. The YR01871 nucleic acid extractor is compatible with deep 96-well plates and six-tube strips, making this nucleic acid extraction system capable of delivering high throughput extraction and reducing waste without the conventional drawbacks caused by fixed throughput. Flexible and efficient, the YR01871 nucleic acid extractor offers 1 to 96 samples per cycle.

### 7-inch color touch screen:

Built-in 7 inch full color LCD display, easy to operate the experiment.

### High performance and efficient extraction:

The YR01871 nucleic acid extraction system is a 6\*16 extraction module with a special deep 96-well plate and 6-strip tubing designed to ensure high throughput and reduce reagent waste. The YR01871 allows extraction of 1 to 96 samples per cycle.

### High purification and reliable results:

A residual amount of magnetic beads of less than 1% increases the confidence in the result of your experiment.

### Innovative rotary mixing technology:

Based on Tianlong's innovative rotary mixing technology (RMT), the YR01871 can reduce the aerosol generated during the experiment and minimize the risk of false positives caused by cross-contamination, while being super quiet during operation.

### Negative pressure system with HEPA filtration:

With a negative pressure ventilation design, the YR01871 automated nucleic acid extraction system is available for replaceable HEPA filtration to ensure that the extracted air is free of biohazards.



#Letsgivemore

Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



All rights reserved © KALSTEIN France S. A. S.,  
2 Rue Jean Lantier • 75001 Paris •  
+33 1 78 95 87 89 / +33 6 80 76 07 10 •  
<https://kalstein.eu>  
KALSTEIN FRANCE, S. A. S



**KALSTEIN® PCR Thermal Cyclers**  
**Thermal Cycler**  
**Model YR01871**



**Technical Description:**

<b>Model</b>	YR001871
<b>Throughput</b>	96
<b>Reaction Volume</b>	30-1000uL
<b>Sample Volume</b>	200uL
<b>Compatible Consumables</b>	96-deep-well plates customized 6 strip tube
<b>Inter-well Extraction Difference</b>	CV ≤3%
<b>Rotational Speed</b>	≤3000rpm
<b>Heating Temperature</b>	Lysis heating: room temperature to 120°C Elution heating: room temperature to 120°C
<b>Mixing Method</b>	Rotary mixing
<b>Operation Mode</b>	7-inch full-color LCD touch screen operation
<b>Program Storage</b>	Up to 1000 programs can be stored
<b>Protocol Management</b>	Flexible to create, edit and delete protocols
<b>Automatic Control</b>	Motor-driven automatic opening and closing of the experiment cabinet
<b>Magnetic Bead Residue</b>	≤1%
<b>Power Failure Protection</b>	Choose freely whether or not to continue the experiment when the power is on again after cutting off
<b>Contamination Control</b>	Negative pressure HEPA exhaust filter module; Built-in UV disinfection module
<b>Connection Port Type</b>	USB port
<b>Weight</b>	45kg (net)
<b>Instrument Dimensions</b>	510mm*490mm*480mm (W*L*H)
<b>Power Supply and Power Consumption</b>	AC 100V-240V, 50/60HZ; 600VA



**#Letsgivemore** ♥  
 Thanks to your purchase, a donation will be made to a non-profit foundation that fights against breast cancer and helps most vulnerable communities.



All rights reserved © KALSTEIN France S. A. S.,  
 2 Rue Jean Lantier • 75001 Paris •  
 +33 1 78 95 87 89 / +33 6 80 76 07 10 •  
<https://kalstein.eu>  
**KALSTEIN FRANCE, S. A. S**







 **Kalstein**<sup>®</sup>  
A different accompaniment, at your service

#LETSGIVEMORE 

**WITH THE  
ACQUISITION  
OF A KALSTEIN  
EQUIPMENT**

YOU MAKE A CONTRIBUTION TO:



**Fundación  
Jacinto Convit**

<https://www.jacintoconvit.org/>



<https://onetreepanted.org>



**Humatem**

Solidarité et coopération  
biomédicale

<https://www.humatem.org/>

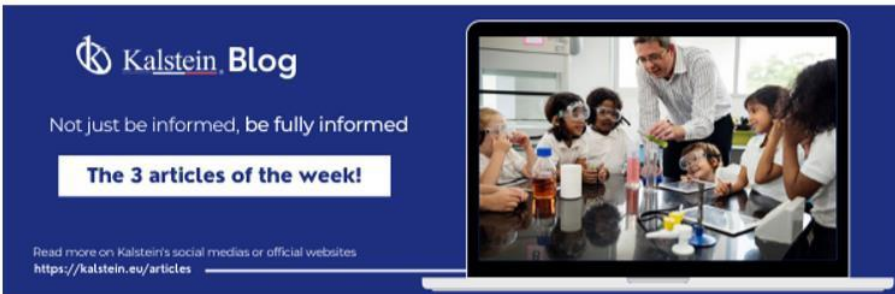


**MANIAPURE  
FOUNDATION USA**

<https://www.maniapurefoundation.org/>



**Articles Kalstein**  
(Social Networks and Official Websites)



**Kalstein Blog**  
Not just be informed, be fully informed  
**The 3 articles of the week!**  
Read more on Kalstein's social medias or official websites  
<https://kalstein.eu/articles>



**1**  
Read this ARTICLE NOW  
**How does the climate affect your microscope?**  
Microscopes are an essential tool for scientific research, allowing researchers to observe and analyze small objects. This is why it is important to take care of your microscope and protect it from environmental factors like temperature and humidity.

**Kalstein Blog**  
**Article of the week:**  
How does the climate affect your microscope?  
Read more on Kalstein's social medias or official websites  
<https://kalstein.eu/articles>



**2**  
Read this ARTICLE NOW  
**What is the importance of the laboratory refrigerator?**  
Refrigerators in a laboratory are one of the most important pieces of equipment that you need to maintain in a controlled environment (refrigerated space), without fluctuations in temperature.

**Kalstein Blog**  
**Article of the week:**  
What is the importance of the laboratory refrigerator?  
Read more on Kalstein's social medias or official websites  
<https://kalstein.eu/articles>

**Kalstein Training Videos**  
(Youtube Channel and Official Websites)



**Kalstein France - Jacinto Convit Foundation / Allianc...**  
23 views • 3 years ago



**Kalstein's Microscopes**  
445 views • 1 week ago



PARIS - FRANCE  
**HEADQUARTER**  
2 Rue Jean Lantier  
75001 Paris - France

**Tlf:** +33 (0) 01 78 95 87 89  
**Cel:** +33 (0) 6 80 76 07 10  
[sales@kalstein.eu](mailto:sales@kalstein.eu)

<https://kalstein.eu/>  
<https://www.kalstein.fr/>

