



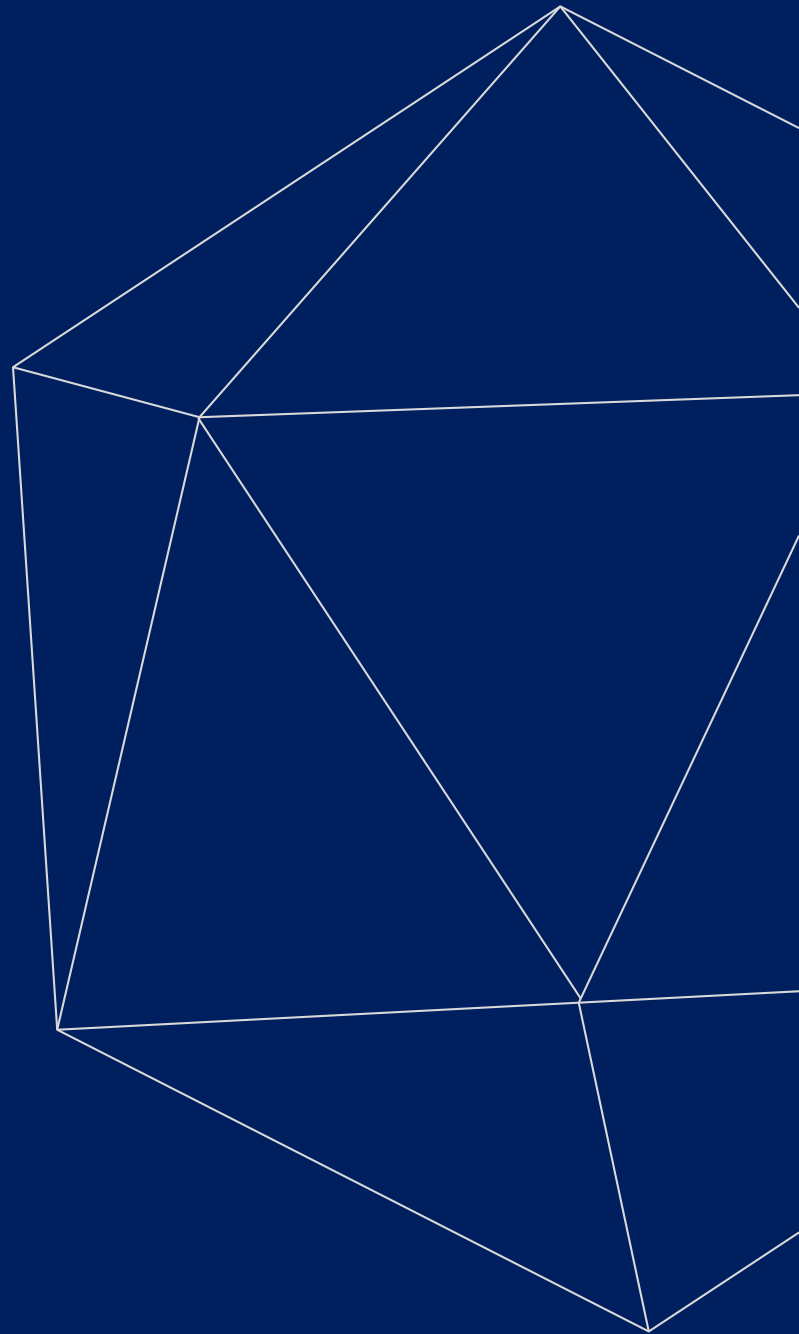
LABORATORY SECTOR

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 YR01869



Product Description:

The YR01869 real-time PCR system is a PCR assay machine designed to meet the specific needs of high-end laboratories. With five fluorescence channels, it is capable of processing 96 samples in a single test. Enjoy its powerful and efficient temperature control system, user-friendly software and user-friendly operating designs. The real-time PCR system can provide maximum reliability and efficiency for all your real-time PCR needs.

96 samples to scan in 7s:

Only 7s for all 96-well fluorescence scanning can significantly reduce testing time and improve efficiency for laboratory professionals.

Power failure protection design:

Power failure protection design can recover the experiment automatically, no worry about instantaneous power failure.

More convenient with two configurations Independent configuration.

Powerful analysis software:

Gentier 96 E/R offers various data analysis functions, including absolute quantitative analysis, relative quantitative analysis, SNP analysis, melting curve analysis, etc..

Efficient temperature control:

Based on the Peltier heating/cooling method, the maximum heating ramp rate is >6.1°C/s and the maximum cooling ramp rate is >5.0°C/s.

PC control configuration:

With 10.4-inch touch screen

PC Control of PC software via connection.



#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 YR01869



Model	YR01869
Throughput	96
Fluorescence Channels	6
Fluorescence Scanning Time	7s
Dye Compatibility	Channel 1: FAM, SYBR Green I , SYTO 9, Eva Green, LC Green
	Channel 2: HEX, VIC, TET, JOE
	Channel 3: ROX, Texas Red
	Channel 4: Cy5
	Channel 5: Alexa Fluor 680
	Channel 6: FRET
Optical System	
Light Source	High-brightness, long life and maintenance-free LED light source,excitation from the top
Detector	Photodiodes (PDs), top scanning
Excitation Range	CH1: 465nm CH2:527nm CH3:580nm CH4:632nm CH5:680nm CH6:465nm
Detection Range	CH1: 510nm CH2:563nm CH3:616nm CH4:664nm CH5:730nm CH6:616nm
Fluorescence Dynamic Range	Adjustable
Sample Dynamic Range	From 101 to 1010copies
Thermal Block	
Heating Method	Peltier
Heating Rate	>6.1 °C/s
Cooling Rate	>5.0 °C/s
Temperature Uniformity	±0.1 °C
Temperature Accuracy	≤0.1 °C
Gradient Range	1°C-40 °C
Gradient Block	12 row
Special Temperature Protocol	Thermal gradients PCR, long PCR, Touch Down PCR
Sample Testing Linearity and Repeatability	Linear correlation: $r \geq 0.999$
	Repeatability: cycle threshold (Ct) value CV≤0.5%
Software Functions	
Control Modes	Model 1: 10.4 inch touch screen
	Mode 2: PC direct control
Power Failure Protection	Automatically start running experiments after power supply, no need to wait PC software
Data Storage and Transmission	Upload and download through USB disk. 1000 results can be stored in machine
Reporting Function	Templates reserved; customized experiment report
Key Applications	Relative quantification, absolute quantification, melting curve analysis ,SNP analysis
Others	
Operating System for PC	Win7/Win10/Win11
Power Supply and Power Consumption	AC 100-240V,50-60HZ, 900VA
Weight	30 Kg (net)
Instrument Dimension	555*475*484mm (W*L*H)
Suitable Consumables	0.2mL 96-well plates, 8-tube strips, single tubes(clear, frosted and white).



#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**[®]
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?
microscope is an instrument that allows observing and measuring small objects. This instrument requires a controlled environment to work properly.

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?
Refrigerator is a device that is one of the most essential equipment that is used 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?
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

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

