



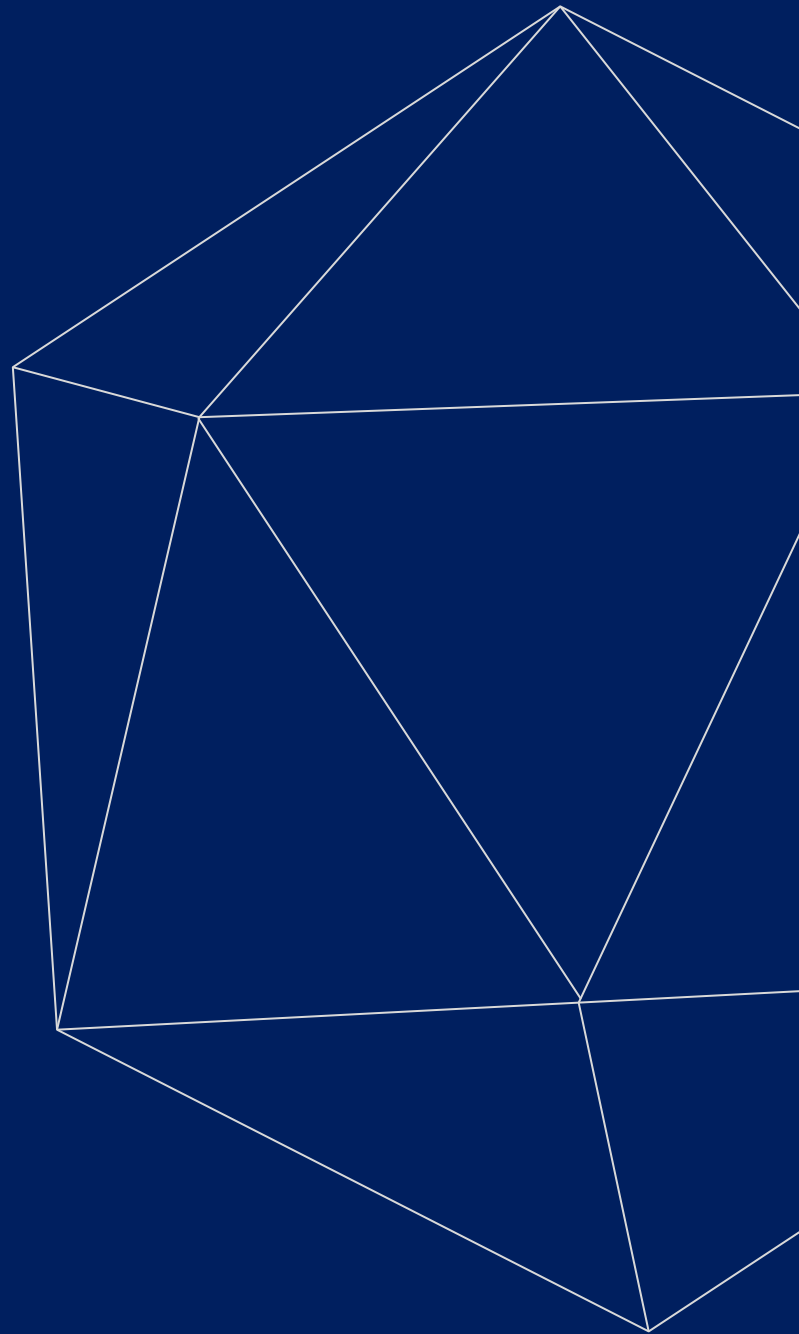
LABORATORY SECTOR

FREEZE DRYER



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® Freeze Dryer **Silicone Oil Heating Lyophilized** **Model YR05985-1 // YR05985-2**



Product Description:

Vacuum freeze dryers are widely used in the fields of medicine, pharmaceuticals, biological research, chemicals and food. The lyophilized articles are easy to store for a long time, and can be restored to the state before lyophilization and maintain the original biochemical characteristics after adding water.

YR05985-1 – YR05985-2 (silicone oil heating) freeze dryer, lyophilized in situ (patented product). It changes the cumbersome operation of the past drying process, prevents material contamination, and automates the drying and sublimation. This model has shelf heating and programmable functions to remember the freeze-drying curve, allowing users to observe the lyophilization process of the material.

Features:

- ✓ The company's patented product square warehouse in-situ vacuum freeze dryer, pre-freezing, drying in-situ, easy to operate, good drying effect.
- ✓ The drying chamber door is made of ACRYLIC material, which is colorless, transparent and observable for lyophilization.
- ✓ Inflatable (discharge) valve adopts safety diaphragm valve, which can be connected to inert gas source, and is filled with inert gas after drying to extend the shelf life of the material.
- ✓ Specialized gas guiding technology, cold trap for uniform ice trapping and strong ice trapping ability.
- ✓ Internationally renowned brand compressors, dual-machine cascade refrigeration, high efficiency, energy saving, long service life and low noise.
- ✓ The patented technology of the separator and the fuzzy control technology of the separator temperature, the shelf temperature difference is small, the temperature control precision is high, and the drying effect is uniform..



#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® Freeze Dryer Silicone Oil Heating Lyophilized Model YR05985-1 // YR05985-2



Technical Description:

Model	YR05985-1	YR05985-2
Freeze-drying area	0.7m ²	1.04m ²
Material plate size	475 × 355mm	475 × 355mm
Number of material trays	4	6
Shelf size	480 × 360mm	480 × 360mm
Number of shelves	4+1 floors	6+1 floor
Shelf spacing	50mm	70mm
Shelf temperature range	-55 °C ~ +70 °C	-55 °C ~ +70 °C
Shelf temperature difference	±1 °C (balanced)	±1 °C (balanced)
Cold trap temperature	≤ -75 °C (no load)	≤ -75 °C (no load)
Water catching capacity	≥10KG/24h	≥15KG/24h
Pumping rate	8L/S	15L/S
Ultimate vacuum	≤5pa (no load)	≤5pa (no load)
Installed power	5500w	6500w
Host weight	600kg	700kg
Mainframe dimensions	1000×785×1420mm	1170×830×1665mm
Cooling method	air cooling	air cooling
Plate loading material	7L (material thickness 10mm)	10L (material thickness 10mm)



#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?

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?

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/>

