



# LABORATORY LINES

## SPECTROPHOTOMETERS



**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® Spectrophotometer****UV/VIS Spectrophotometer****YR01856**

A spectrophotometer is a special instrument that measures how much light a substance absorbs. Every substance will transmit (reflect) and absorb light slightly differently. Like how a fingerprint identifies each individual human, knowing exactly how much red (or green, or blue, etc.) gets absorbed allows us to identify and quantify varied materials.

A spectrophotometer is used in many areas of science including microbiology, biochemistry, forensics, physics, and medical health. You can use it to measure certain ingredients in a drug to make sure it is effective and safe for consumers. You can measure bacterial growth, or diagnose a patient based on how much uric acid is present in their urine. Even non-scientists use spectrophotometers. Wine-makers, for example, use them to determine how much malic acid (reducing sugars) a wine has in it.

Scientists can also use the spectrophotometer to see how a reaction has progressed. Let's say you're studying iron deficiency, a condition that affects over 2 billion people. Antioxidants, vitamins, and other agents are known to help in iron deficiency, but they don't have a single specific chemical make-up, and so they can't be directly measured. However, they are known to reduce ferric iron into ferrous iron, a more valuable form to the human body.

**YR01856 UV/VIS Spectrophotometer**

YR01856 spectrophotometer equipped with 6 inches LCD display, is an ideal and advanced analytical instrument for laboratory to realize wavelength scanning, Kinetics test, multi wavelength functions. All functions can be operated on spectrophotometer and can be read directly on the display.

**Features**

6 inches LCD display

YR01856 series has a 6 inches LCD display to show results and curves directly on the screen.

**8mm thick optical base**

YR01856 uses a rigid 8mm die-case aluminum base as its optical mount to ensure instrument stability and reliability.

**Powerful functions**

Multi functions like spectrum scanning, standard curve, kinetics, multi wavelength, DNA/Protein testing can be operated directly on the spectrophotometer and all corresponding curves and data can be displayed directly.

**Date output**

YR01856 is equipped with USB port to connect with a PC to display spectrum scanning, kinetics and multi wavelength testing results on the screen. The software is optional.

**Standard Accessories**

- ✓ 1cm Glass cuvette (4pcs)
- ✓ Power cord (1pc)
- ✓ User's Manual (1pc)
- ✓ 1cm quartz cuvette (UV series) (2pc)
- ✓ Dust cover (1pc)

**#Letsgivingmore**

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.,  
Optimum Business Center 450 Rue Baden Powell,  
• 34000 Montpellier, France.  
Titl: +33 467158849 / +33 680760710/ +33 663810023  
<https://kalstein.eu>  
**KALSTEIN FRANCE, S.A. S**



**KALSTEIN® Spectrophotometer**  
**UV/VIS Spectrophotometer**  
**YR01856**



Model	YR01856
Wave Range	190-1100nm
Broadband	1,8 nm
Wavelength Accuracy	± 0,5 nm
Wavelength Repeatability	≤ 0,2 nm
Photometric Accuracy	± 0,3% T
Photometric Repeatability	≤ 0. 15 % T
Photometric Range	-0,3-3A, 0-200% T, 0-9999C
Stability	± 0,002 A / h @ 500 nm
Flatness of baseline noise	± 0,002 A / h
Noise Level	± 0,00 05 A
Stray Light	≤0.05% T @ 220nm, 360nm
Data Output Port	USB
Printer Port	Parallel port
Monitor	320 * 240 dots LCD
Lamps	Tungsten lamp and Duterium lamp
Detector	Silicon Photodiode
Energy Requeriment	CA 220V / 50Hz or CA 110V / 60Hz
Dimension	460 * 380 * 180 mm
Weight	20 kg

Item	Description	Quantity	Unit
1	Spectrophotometer	1	Set
2	1cm Glass bowl	4	pcs
3	Power Cord	1	pcs
4	User manual	1	pcs
5	1 cm Quartz bowl	2	pcs
6	Dust cover	1	pcs



**#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.,  
 Optimum Business Center 450 Rue Baden Powell,  
 • 34000 Montpellier, France.  
 Tit: +33 467158849 / +33 680760710/ +33 663810023  
<https://kalstein.eu>  
 KALSTEIN FRANCE, S.A. S





A different accompaniment, at your service

## WITH THE ACQUISITION OF A KALSTEIN EQUIPMENT

YOU MAKE A CONTRIBUTION TO:

#LETSGIVEMORE 



Fundación Jacinto Convit

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



<https://onetreepanted.org>



Humatem

Solidarité et coopération biomédicale

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

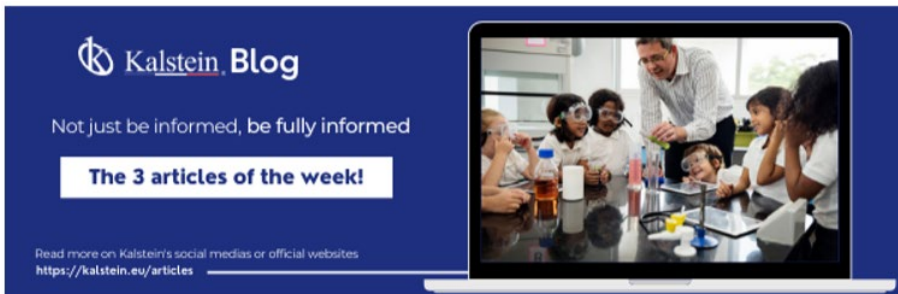


MANIAPURE FOUNDATION USA

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

**Thank you!**

**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?**  
A 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

**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?**  
A refrigerator is a device that is one of the most common pieces of laboratory equipment. It 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 / Alliances**  
23 views • 3 years ago



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



MONTPELLIER - FRANCE  
**HEADQUARTER**  
Optimum Business Center,  
450 Rue Baden Powell,  
34000 Montpellier - France.

**Fax:** +33 (0) 4 67 15 88 49  
**Tel:** +33 (0) 6 80 76 07 10  
[sales@kalstein.eu](mailto:sales@kalstein.eu)

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

**Official Websites for Latin America.**

