



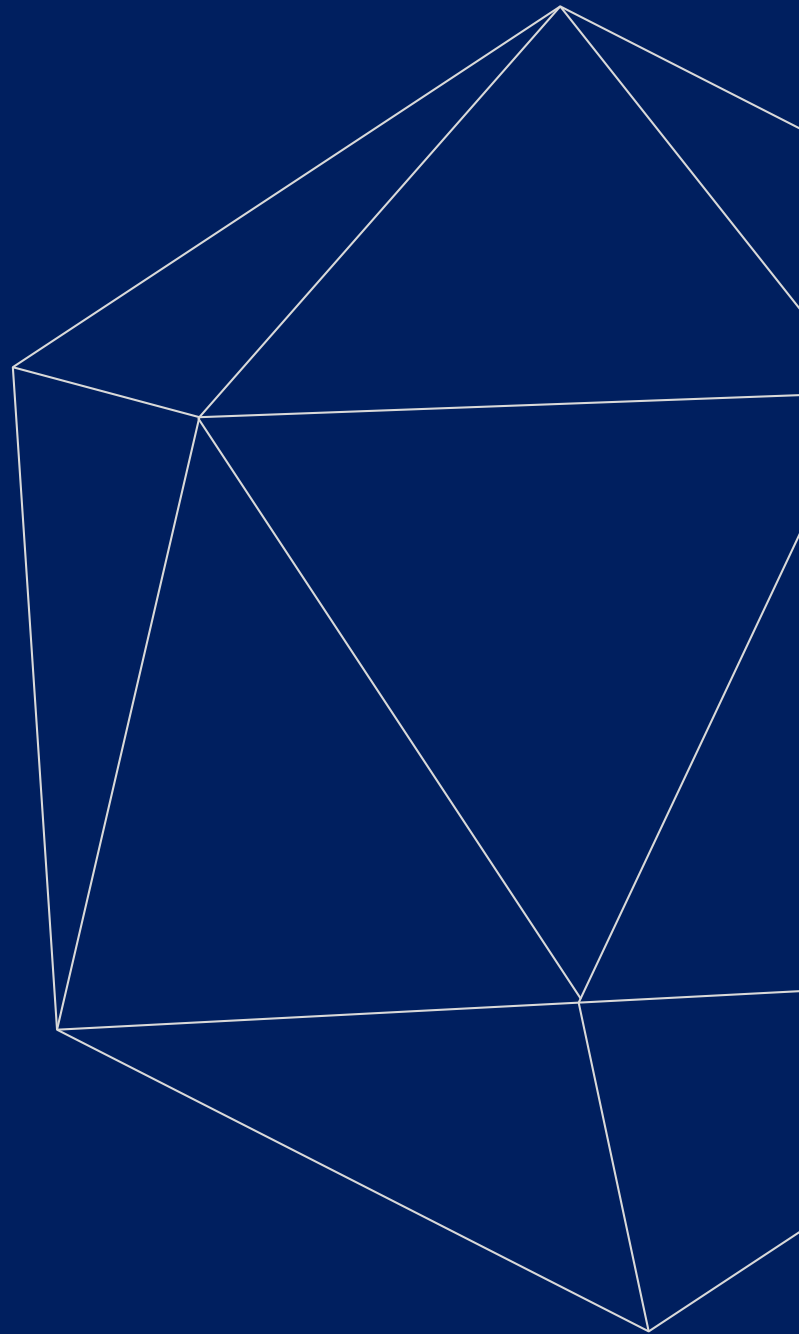
LABORATORY SECTOR

SPECTROPHOTOMETER



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 Non Contact Benchtop Spectrophotometer Model YR05482



#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® Spectrophotometer

Non Contact Benchtop Spectrophotometer

Model YR05482



Product Description:

YR05482 spectrophotometer is a color measuring instrument with 45/0 optical geometry (45 ring-shaped illumination, vertical viewing), to achieve precise non-contact measurement between the measuring probe and the sample like liquids, sauces, powders, etc., which is developed by Kalstein independently with independent intellectual property. YR05482 spectrophotometer is a color measuring instrument with 45/0 optical geometry (45 ring-shaped illumination, vertical viewing), to achieve precise non-contact measurement between the measuring probe and the sample like liquids, sauces, powders, etc., which is developed by 3nh independently with independent intellectual property. YR05482 non-contact benchtop spectrophotometer can be applied for accurate color analysis and transmission in laboratories and R & D industries; it can also be used for accurate color measurement and quality control of automated production lines; it is widely used in cosmetics, fruits and vegetables, food hygiene, plastic electronics, paint and ink, printing, ceramics and other industries, and also for fluorescence sample measurement. Its unique innovative design can not only provide non-contact measurement scheme directly from the production line, but also ensure stable and high-precision measurement results. YR05482 non-contact spectrophotometer will not touch the sample in the measurement process, to prevent damage to the sample, but also to avoid cross contamination.

Product Features:

- ✓ Non-contact, 45 / 0 geometric optical structure to measure the reflectance and chromaticity of objects
- ✓ The movable measuring head moves up and down according to the actual height of the measured object
- ✓ Large touch screen measurement interface, real-time display of measurement data, to realize more measurement functions
- ✓ Multiple measurement modes (sample, quality control, continuous statistical mode) can be selected to meet the personalized needs
- ✓ According to the actual height of the testing sample, the measuring probe can be moved up and down automatically and the height of the testing sample can be stored
- ✓ TFT true color 7 inch capacitive touch screen; concave grating
- ✓ 256 Image Element Double Array CMOS Image Sensor.
- ✓ Wavelength range: 400~700nm, 10nm output.
- ✓ Lighting source: full spectrum LED light UV
- ✓ Multiple measurement modes: Sample mode, QC mode, Continuous Statistical mode to meet more customer needs.
- ✓ Large capacity storage: Sample mode + QC mode: 40,000 Continuous statistics mode: 10,000
- ✓ Built-in camera locating.
- ✓ PC software has powerful extended function.



#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® Spectrophotometer
Non Contact Benchtop Spectrophotometer
Model YR05482



Application Industry:

45/0 non- contact benchtop spectrophotometer can achieve precise non- contact measurement between the measuring probe and the sample like liquids, sauces, powders, etc. It can be applied for accurate color analysis and transmission In laboratories and R & D industries; It can also be used for accurate color measurement and quality control of automated production lines; It is widely used in cosmetics, fruits and vegetables, food hygiene, plastic electronics, paint and ink, printing, ceramics and other industries, and also for fluorescence sample measurement.



#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® Spectrophotometer

Non Contact Benchtop Spectrophotometer

Model YR05482



Model	YR05482
Illumination system	45/0 method(45 ring-shaped illumination, vertical viewing);Conforms to CIE No.15,GB/T 3978,GB 2893,GB/T 18833,ISO7724-1,ASTM E1164,DIN5033 Teil7,GB 2893,GB/T 18833
Features	45/0 non- contact benchtop spectrophotometer can achieve precise non-contact measurement between the measuring probe and the sample like liquids, sauces, powders, etc. It can be applied for accurate color analysis and transmission In laboratories and R & D industries; It can also be used for accurate color measurement and quality control of automated production lines; It is widely used in cosmetics, fruits and vegetables, food hygiene, plastic electronics, paint and ink, printing, ceramics and other industries, and also for fluorescence sample measurement.
Light Source	Full spectrum LED light,UV light
Spectrophotometric Mode	Concave Grating
Sensor	256 Image Element Double Array CMOS Image Sensor
Wavelength Range	400~700nm/10nm output
Reflectance Range	0~200%
Measuring Aperture	Φ20mm(can be customized <20mm)
Non-contact Distance	7.5mm
Sample Height	0~150mm
Distance Adjustment Method	Manual adjustment and automatic adjustment (test height can be stored)
Measuring mode	Sample mode/QC Mode/Continuous statistics mode
Locating Method	Camera Locating
Color Space	CIE LAB,XYZ,Yxy,LCh,CIE LUV,HunterLAB
Color Difference Formula	$\Delta E^*ab, \Delta E^*uv, \Delta E^*94, \Delta E^*cmc(2:1), \Delta E^*cmc(1:1), \Delta E^*00, \Delta E$ (Hunter)
Other Colorimetric Index	WI(ASTM E313,CIE/ISO,AATCC,Hunter),YI(ASTM D1925,ASTM 313),TI(ASTM E313,CIE/ISO),
	Metamerism Index MI, Staining Fastness,Color Fastness,Color Strength,Opacity
Observer Angle	2°/10°
Illuminant	D65,A,C,D50,D55,D75,F1,F2(CWF),F3,F4,F5,F6,F7(DLF),F8,F9,F10(TPL5),F11(TL84),F12(TL83/U30)
Displayed Data	Spectrogram/Values, Samples Chromaticity Values, Color Difference Values/Graph, Chromaticity Graph, Color Simulation, PASS/FAIL Result, Color Offset
Measuring Time	About 1.5s
Data Storage	Sample mode + QC mode: 40,000; Continuous statistics mode: 10,000
Repeatability	Spectral reflectance: Standard deviation within 0.08%
	Chromaticity value: Within ΔE^*ab 0.03 (When a white calibration plate is measured 30 times at 5 second intervals after white calibration)



#Letsgivingore

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® Spectrophotometer

Non Contact Benchtop Spectrophotometer

Model YR05482



Inter-instrument Error	Within ΔE^*ab 0.2 (Average for 12 BCRA Series II color tiles)
Measurement Mode	Single Measurement, Average Measurement(2 ~ 99 times)
Dimension	330*250*370mm
Weight	About 10 kg
Power Supply	DC 24V, 3A Power Adapter
Illuminant Life Span	5 years, more than 3 million times measurements
Display Screen	7" TFT Capacitive Screen-touch Display
Data Port	USB/RS-232, Bluetooth®4.0
Language	Simplified Chinese, Traditional Chinese, English
Working Environment	Temperature: 0~40°C; Humidity: 0~85% (No Condensation); Altitude < 2000m
Storage Environment	Temperature: -20~50°C; Humidity: 0~85% (No Condensation)
Standard Accessory	Power Adapter, User Manual, USB cable, Standard Calibration Board, Black Calibration Cavity,
Notes	The specifications are subject to change without notice.



#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

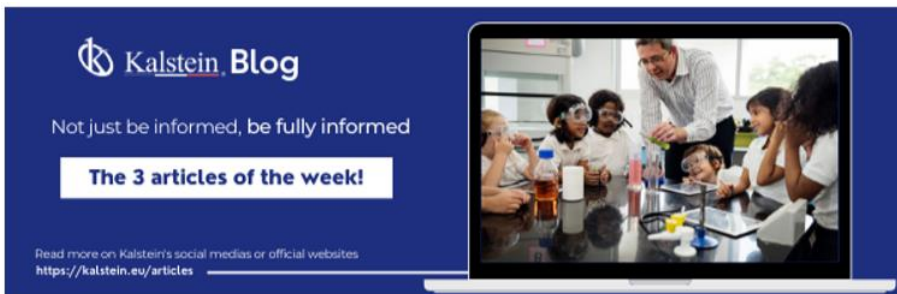
<https://www.humatem.org/>



**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/>

