



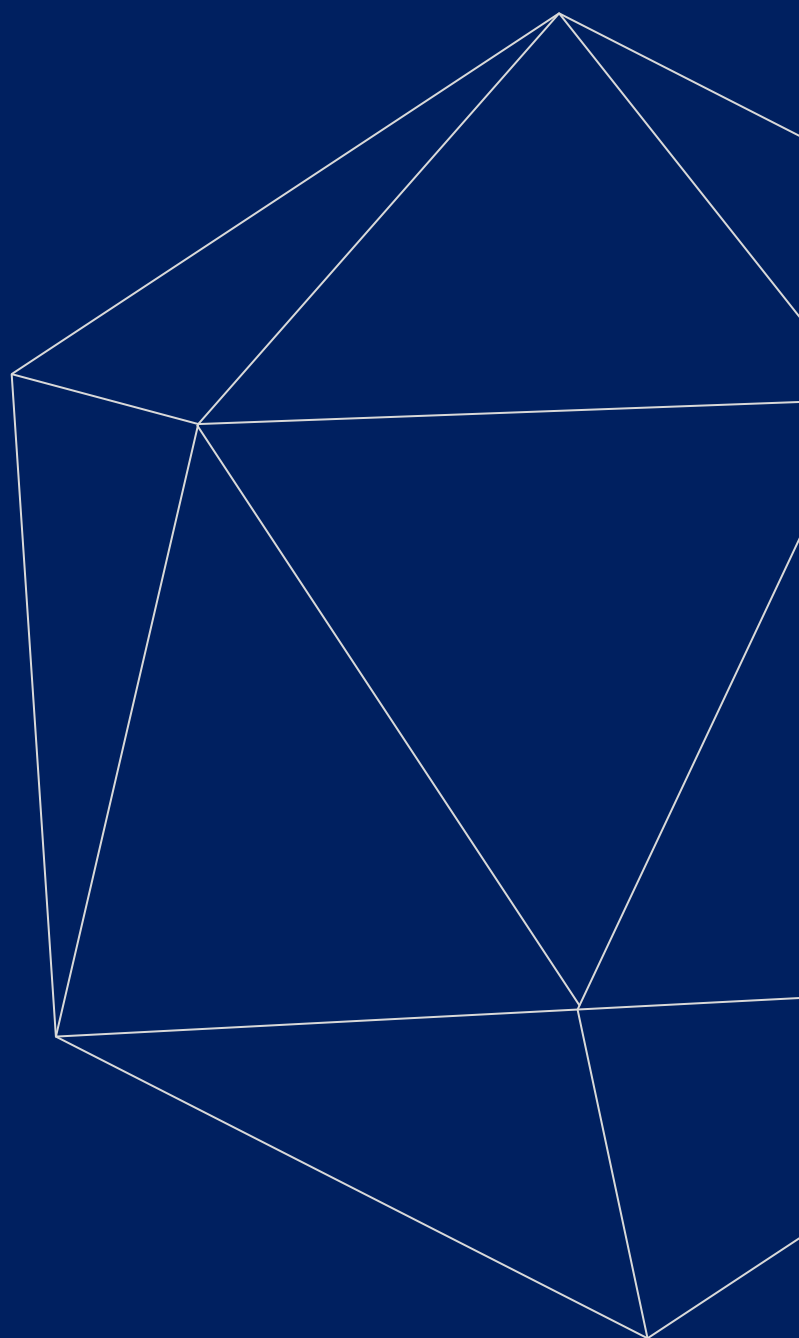
LABORATORY SECTOR

COLORIMETER



Kalstein®

A different accompaniment, at your service





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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® Colorimeter
Precision Colorimeter
Model YR05510



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KALSTEIN® Colorimeter
Precision Colorimeter
Model YR05510



Product Description:

Kalstein team concentrates on customer needs and develops a new series YR05509 // YR05513 with high precision & low cost & two apertures, and $\Phi 4\text{mm}$ tip aperture, suitable for most samples use. With color space CIE LAB, R05509 // YR05513 is good to check color difference for delta E, and widely used in plastic, electronic, paint, ink, textile, garment, printing and dyeing, food, medical, cosmetic, industries, scientific research institutes, schools and laboratories

Product Advantages:

- ✓ Built-in white plate parameters. No need to calibrate each time which realize rapid measurement.
- ✓ Double Apertures: $\Phi 8\text{mm}$ flat aperture and $\Phi 4\text{mm}$ tip aperture for switch, easy to measure concave sample in large plane.
- ✓ Equipped with rechargeable built-in high-capacity Li-ion battery. No need to purchase battery repeatedly.
- ✓ Handheld design: small and convenient; make the measurement easier.
- ✓ Exquisite appearance: adopts traditional and fashionable aesthetic designs.
- ✓ High cost performance: large output, good quality, cheap products.



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KALSTEIN® Colorimeter Precision Colorimeter Model YR05510



Technical Specifications:

Model	YR05510
Illuminating/Viewing Geometry	45°/0°
Measuring Aperture	Φ20mm
Special Function	Especially suitable for testing surface stripe and wet products
Locating	Illumination Locating/Cross Locating
Detector	Silicon photoelectric diode
Locating	Illuminating Locating/Cross Locating
Color Space	CIEL*a*b*C*h*; CIEL*a*b*; CIEXYZ
Color Difference Formula	ΔE^*ab ; $\Delta L^*a^*b^*$; $\Delta E^*C^*h^*$
Light Source	D65
Light Source Device	LED blue light excitation
Errors Between Each Equipment	$\leq 0.50\Delta E^*ab$
Storage	100pcs standards 20000pcs samples
Repeatability	Standard deviation within ΔE^*ab 0.08 Average of 30 measurements of standard white plate
Weight	500g
Dimension	205×67×80 mm
Power source	Rechargeable lithium-ion battery 3.7V@3200mAh
Lamp Life	5 years, more than 1.6 million measurements
Charging Time	First charging time is 8 hours–100% electricity
PC Software	CQCS3 Software
Printer (optional)	Miniature thermal printer



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OF A KALSTEIN
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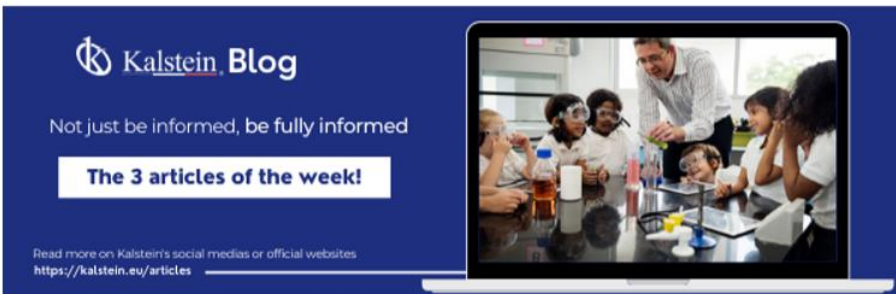
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 **Humatem**
Solidarité et coopération
biomédicale
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Kalstein Blog
Not just be informed, be fully informed

The 3 articles of the week!

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1
Read this ARTICLE NOW



How does the climate affect your microscope?

microscope is an instrument that allows observing and analyzing objects that are too small to be seen with the naked eye. This is achieved through the use of lenses or mirrors that collect and focus light from the object being observed.

Kalstein Blog

Article of the week:
How does the climate affect your microscope?

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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?

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