



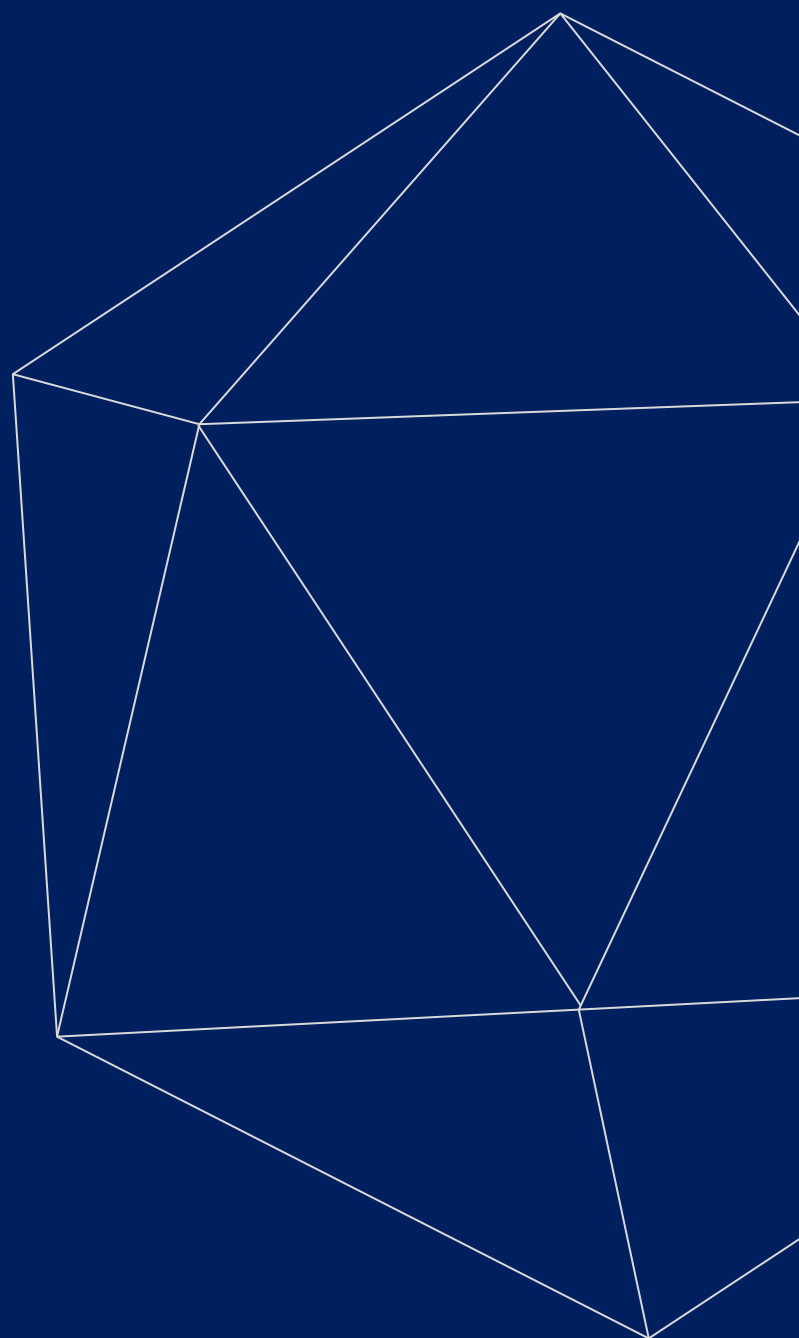
# LABORATORY LINES

## SPECTROPHOTOMETERS



# Kalstein®

A different accompaniment, at your service





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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® Spectrophotometers****Micro Spectrophotometer****Model YR06035****Product Description :**

YR06035 is an advanced model of micro UV VIS spectrophotometer with full wavelength range (200-800 nm). It has a new added function of measuring bacterial cell concentration (OD600) in a cuvette. YR06035 requires only 0.5-2  $\mu$ l of sample to measure nucleic acids, proteins as quickly as YR06033-1. YR06035 comes with a 7-inch touch screen and integrated Android operating system, with no computer required. It is an ideal equipment for a biology lab to make life science research more efficient.

**Features:**

- ✓ The patented structure of the lifting motor makes the stretching of the liquid column more smooth, preventing the liquid column from breaking due to structural problems.
- ✓ To detect the concentration of bacteria and microorganisms are more convenient with OD600 function.
- ✓ Android system, 7 inch capacitive touch screen, intuitive APP software, simple and easy to use.
- ✓ With 2048-element linear CCD array detector, detection and display can be completed in 6 s.
- ✓ Long-life pulsed xenon light source.
- ✓ The result can be printed by built-in printer or exported by USB to analyze and store the data.

**#Letsgivemore** ♥

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<https://kalstein.eu>  
KALSTEIN FRANCE, S.A. S



**KALSTEIN® Spectrophotometers****Micro Spectrophotometer****Model YR06035****Technical Specifications :**

<b>Model</b>	YR06035
<b>Wavelength range</b>	200-800 nm
<b>Minimum sample size</b>	0.5-2.0 µl
<b>Path length</b>	0.05 mm, 0.2 mm, 1.0 mm
<b>Light source</b>	Xenon flash lamp
<b>Detector type</b>	2048-Linear CCD array
<b>Wavelength accuracy</b>	1 nm
<b>Spectral resolution</b>	≤3 nm
<b>Absorbance precision</b>	0.003Abs
<b>Absorbance accuracy</b>	1 % (7.332Abs at 260 nm)
<b>Absorbance range</b>	0.04 – 300A
<b>Detects nucleic acid up to</b>	2-15000 ng/µl (dsDNA)
<b>Measurement time</b>	<6 S
<b>Data output</b>	USB
<b>Sample pedestal materia</b>	Aluminum alloy and Quartz fiber
<b>Operating voltage</b>	DC 24 V 2 A
<b>Operating power</b>	25 W
<b>Standby power</b>	5 W
<b>Dimension (WxDxH)mm</b>	208×320×186
<b>Weight</b>	3.6kg
<b>Software compatibility</b>	Android system
<b>Light source</b>	LED
<b>Wavelength range</b>	600±8 nm
<b>Absorbance range</b>	0-4 A
<b>Fluorescent detection</b>	
<b>Sensitivity</b>	dsDNA : 0.5 pg/µl
<b>Linear dynamic range</b>	R <sup>2</sup> ≥0.995
<b>Repeatability</b>	≤1.5 %

**#Letsgivingore** ♥

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OF A KALSTEIN  
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Microscopes are instruments used for observing microscopic objects. This is a sensitive device that requires a controlled environment to maintain its performance.

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Refrigeration is a key element of the most advanced equipment that is used in laboratories. It is a controlled environment (refrigerated space), without fluctuations in temperature.

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