



LABORATORY LINES

CHEMISTRY ANALYZER



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® Chemistry Analyzer Model YR05115



Features

- ✓ 7 inch Colour LCD, Touch screen
- ✓ 7 wavelength, 80 test items pre-programmed
- ✓ Memory for 10,000 sample results
- ✓ Light source hibernate function making lamp life longer
- ✓ RS232 interface, PC connecting
- ✓ Test method: Kinetic, End point, Two point, Absorbance
- ✓ Abs range: 0~4.500Abs; Real time curve showing

Usual Test List

- ✓ Liver Function: ALT, AST, ALP T-BIL, TP, ALB, TTT, CHE, Nh
- ✓ Renal function: BUN, CRE, UA, URE, CO2-CP, y-GT
- ✓ Lipids: T-CHO, TG, HDL-C, LDL-C
- ✓ Cardiac Function: CK, CK-MB, LDH
- ✓ Immune proteins: IGA, IGG, IGM, C3
- ✓ Others: GLU, HGB, AMS



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KALSTEIN® Chemistry Analyzer**Model YR05115**

Model	YR05115
Test mode	Kinetic, End point, Two point
wavelengths	7wavelength,340, 405, 92,510,546,578,630 nm
Absorbance range	0~4.500 Abs
Absorbance precision	outside 0.0001 Abs , inside 0.00001 Abs
Repeatability CV	< 1%
carry over	< 1%
Incubator	37°C、 30°C、 25°C、 Precision : ±0.1°C
Sample volume	0~3000 uL (≥500uL recommend)
Flow cell	32 uL quartz glass, 10 mm
Data Storage	≥10000
Screen	7inches color LCD, Touch screen
Printer	Internal thermal printer, paper:Φ30*57mm

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KALSTEIN® Semi-auto Chemistry Analyzer

Model YR05116



Features

- ✓ 7 inch Colour LCD, Touch screen
- ✓ 10 incubators($37\pm 0.3^{\circ}\text{C}$) ; 3 timers
- ✓ Test method Kinetic, Endpoint, Two point, Absorbance
- ✓ Abs range:0~4.500Abs;Real time curve showing
- ✓ Flow cell and Cuvette test mode compatible
- ✓ 7 wavelengths filter: 340,405,492,510,546,578,630nm
- ✓ 80 test item pre-programmed
- ✓ Memory for 10,000 sample results
- ✓ Light source hibernate function making lamp life longer

- ✓ RS232 interface, PC connecting

Usual Test List

- ✓ Liver Function: ALT, AST, ALP T-BIL, TP, ALB, TTT, CHE, Nh
- ✓ Renal function: BUN, CRE, UA, URE, CO2-CP, γ -GT
- ✓ Lipids: T-CHO, TG, HDL-C, LDL-C
- ✓ Cardiac Function: CK, CK-MB, LDH
- ✓ Immune proteins: IGA, IGG, IGM, C3
- ✓ Others: GLU, HGB, AMS



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KALSTEIN® Semi-auto Chemistry Analyzer**Model YR05116**

Model	YR05116
Test mode	Kinetic, End point, Two point
wavelengths	7wavelength,340, 405, 492,510, 546,578,630 nm
Absorbance range	0~4.500 Abs
Absorbance precision	outside 0.0001 Abs , inside 0.00001 Abs
Repeatability CV	< 1%
carry over	< 1%
Flow cell Incubator	37°C、 30°C、 25°C、 Precision : ±0.1°C
Sample volume	0~3000 uL (≥500uL recommend)
Flow cell	32 uL quartz glass, 10 mm
Data Storage	≥10000
Screen	7inches color LCD, Touch screen
Printer	Internal thermal printer, paper:Φ30*57mm
Sample incubator	10 position, 37°C,Precision : ±0.3°C

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KALSTEIN® Full Auto Chemistry Analyzer

Model YR05123



Features

- ✓ Type: Discrete, Fully automatic
- ✓ Throughput: Constant 200T/H
- ✓ Wavelength Range: 340,40S,450,SI0,546,578,630,7D0nm
- ✓ Water Consumption: SL/Hour
- ✓ Liquid level detection, the remaining detection, collision protection etc.
- ✓ 42 sample positions, 25 reagent positions, 120 Reaction Position



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KALSTEIN® Full Auto Chemistry Analyzer

Model YR05123



Model	YR05123
Type	Discreet, Fully automatic
Throughput	Constant 200 T/H
Wavelength Range	340, 405, 450, 510, 546, 578, 630, 700 nm
Water Consumption	5 L/Hour
Protections	Liquid Level Detection, Remaining Detection, Collision Protection
Positions	42 sample positions, 25 reagent positions, 120 reaction position
Overall Performance	
Equipment Type	Fully automatic discrete, STAT priority
Analysis Rate	Constant speed 200 T/H (without ISE)
Test Principle	Colorimetry, turbidimetry
Analysis Method	End-point, 2 kineticks, fixed-time, etc. Support single/double wavelength, linear and non-linear calibration
Sample System	
Sample Tray	42 sample positions, random access of all samples
Sample Volume	2 – 50 UI, 0.1 uL increment
Sample Probe	Liquid level detection, the remaining detection, collision protection, etc
Sample Containers	Sample Cups
Reagent System	
Reagent Tray	25 reagent positions
Reagent Volume	R1: 25 – 300 UI, R2: 10 – 150 UI, 0.1uL increment
Reagent Probe	Liquid Level detection, the remaining detection, collision protection, etc.
Reagent Refrigeration	4 – 15°C, independent power supply, 24 – hour non-stop refrigeration

Reaction System	
Reaction Tray	Rotating tray, 120 cuvettes
Cuvette	Reusable high quality cuvette, optical diameter 6mm
Reaction Volume	180 – 500 uL
Incubation System	Bi – directional liquid – air device
Temperature	37°C ± 0.1°C with real-time display
Optical System	
Light Source	12V35W halogen lamps, over 2 000hrs
Photoelectron Road	After spectrophotometry
Wavelength	340, 405, 450, 510, 546, 578, 630, 700nm
Absorbance Range	0 – 3.500 Abs
Resolution	0.0001 Abs
Operating System	
PC Operating System	Windows XP or above
Analysis Control Software	English version graphical operating software
Report Printing	Report formats support the user-defined mode, QC and state information, etc
System Connection	RS - 232
Working Conditions	
Power Supply	AC 220V ± 22V, 50Hz ± 1Hz, power 1.5 kVA
Ambient Temperature	15 – 30°C
Humidity	35 – 80%
Water Consumption	5 L / hour
Dimension	Bench Top: 750 x 520 x 600 mm
Weight	45



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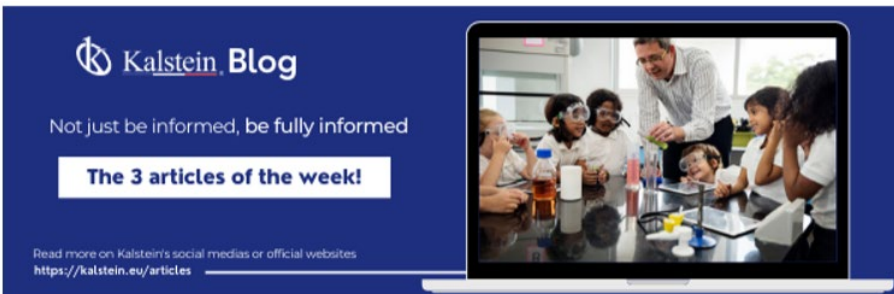
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Kalstein Blog
Not just be informed, be fully informed

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 measuring objects at a very small scale. 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?

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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 common pieces of equipment used in laboratories. It is a controlled environment (refrigerated space), various fluids and substances

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Article of the week:
What is the importance of the laboratory refrigerator?

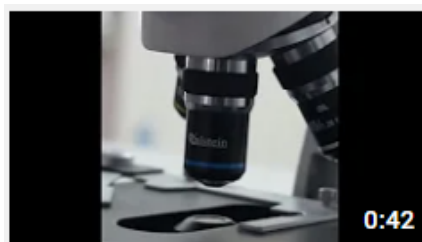
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