



LABORATORY LINES

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® Analyzer
Automatic Chemistry Analyzer
Model YR0SK6000



Analysis System:

- ✓ Working mode: Discrete/random access
- ✓ Test speed: test speed 225T/H (without ISE)
- ✓ Test principle: Absorbance photometry, Turbidimetry Methodology: End-point, Fixed-time, Kinetic, Single/Dual reagent chemistries, monochromatic/biochromatic Linear/non-linear multi-point calibration
- ✓ The longest reaction time: 15 minutes
- ✓ Minimum reaction volume: 150 μ l
- ✓ Cuvettes material: plastics (quartz glass can be selected), 81 cuvettes have the function of automatically deducting reagent and sample blanks
- ✓ Linear range of absorbance: 0-3.8Abs Halogen light source using time ;;a 2000 hours
- ✓ Wavelength: 340nm, 405nm, 450nm, 510nm, 546nm , 578nm, 630nm, 670nm
- ✓ Refrigeration system: water medium uniform refrigeration technology
- ✓ Reagent storehouse temperature: 4-16°C
- ✓ Reaction temperature: 37 \pm 0.2°C
- ✓ Temperature fluctuation: \pm 0.1-e

Working Conditions:

- ✓ Temperature: 10-c -30°C
- ✓ Humidity: ,s,;85%
- ✓ Maximum Water Consumption: < 12L Power Supply: 200-240V 50/60HZ 600W
Dimension:834mm(w) x 643mm(D) x 756(H) Net weight: 65KG
- ✓ Rough weight: 91KG

Product Description:

Discrete, random access, fully automated Up to constant 225 tests per hour Optional for external! bar code reader
 60 positions for samples and 60 positions for reagents Automatic probe cleaning, liquid level detection, collision protection
 Reversed optic system with 8 wavelengths Refrigerated reagent and sample compartment



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KALSTEIN® Analyzer
Automatic Chemistry Analyzer
Model YR0SK6000



Reagent/sample Handling:

- ✓ Reagent/sample tray: 60 positions for reagents and 60 positions for samples in refrigerated compartment (4-16°C) Reagent/Sample probe: Liquid level detection, collision protection and inventory checking
- ✓ Probe cleaning: Automatic washing for both interior and exterior Carry-over < 0.1%

Calibration and quality control:

- ✓ Quality control type: real time quality control, daily quality control, day to day quality control
- ✓ Quality control charts L-J, Cumulative, Twin Plot
The quality control rules are arbitrarily formulated by default to Westgard multiple rules
- ✓ The calibration type : linear and nonlinear. Logit-4P, Logit-5P, Spline, exponent!, polynomial, factor method Automatically check the calibration curve and select the best calibration type of the fitting degree automatic.

Product Features:

- ✓ English operating system: Windows2000, windows XP, windows7, windows8, windows10
- ✓ Make print formal and content freely, provide several common formats
- ✓ Special user management password, rational distribution of user operation permissions
- ✓ RS-232 standard interface, support for intranet, remold print report
- ✓ Optional various databases, autosave, automatic backup, save all kinds of data permanently
- ✓ Real-time monitoring of sample tray, reagents tray, reacting tray; Real-time display of reaction temperature, reagent allowance, reaction curve, calibration curve and quality control chart
- ✓ Check and judge reaction endpoint, reaction linear interval, substrate exhaustion, reagent blank absorbance, etc.

Reaction cuvettes cleaning system:

Using unique high efficiency water cleaning method, low carry-over

Sampling and mixing system

Sample capacity: 2-30 μ l, 0.1 μ l increasing

Sample probe: Sharing with the reagent probe, the inner and outer walls are highly polished, with the function of liquid level detection, tracking and collision protection, sample probe matching special cleaning liquid, prevent! cross contamination

Reagent capacity: 20-300 μ l, 0.1 μ l increasing Reagent probe: Sharing with the sample probe Reagent bottle: Reagent bottles with volume of 15ml, 20ml, 30ml, 50ml, 60ml, 70ml can be used, the dead volume is less than 1ml

Mixing bar: independent mixing bar, special material, surface treatment using Teflon, not hanging liquid, thoroughly clean before and after mixing to prevent! cross contamination



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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 small objects. This is achieved through the use of lenses or a system of 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 common 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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