

# LABORATORY LINES

ANALYZER





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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.



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## KALSTEIN® Analyzer Automatic Chemistry Analyzer Model YROSK6000



## 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

## Analysis System:

- ✓ Working mode: Discrete/random access
- ✓ Test speed: test speed 225T/H (without ISE)
- Test principle: Absorbance photometry, Turbidimetry Methodology: Endpoint, Fixed-time, Kinetic, Single/Dual reagent chemistries, monochromatic/biochromatic Linear/non-linear multi-point calibration
- ✓ The longest reaction time: 15 minutes
- ✓ Minimum reaction volume: 150µ1
- 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 ± 0.2°C
- ✓ Temperature fluctuation: ± 0.1·e

## **Product Description**:

Discrete, random access, fully automated Up to constant 225 tests per hour Optional for externa! 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 Handing:**

- 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%</p>

## **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; Realtime 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: 2-30µ1, 0.1µl 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:  $20-300\mu1$ ,  $0.1\mu1$  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 1mi

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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PARIS - FRANCE **H E A D Q U A R T E R** 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

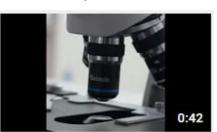
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