



LABORATORY LINES

ELECTROLYTE ANALYZER



Kalstein®

A different accompaniment, at your service





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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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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® Electrolyte Analyzer

Model YR05166

**Application:**

- ①. Simple YES/NO prompted operation.
- ②. High accurate and long life electrode and TCO₂ sensor.
- ③. Sleep mode to reduce reagent consumption.
- ④. Rapid test speed of 80 tests per hour.
- ⑤. Minimum sample volume is 60μl.
- ⑥. Individual reagent to avoid waste.
- ⑦. Optional: Sample tray.

Features:

- ①. Automatic electric potential tracking and correcting software to ensure the stable performance.
- ②. Automatically detect and filter tiny bubbles to avoid clog and ensure accurate measurement.
- ③. Real-time diagnostic of system working status. Waste liquid automatic detection and alarming.
- ④. Automatic calibration and two-point correction to adjust slope and intercept.
- ⑤. Wave theory flushing method and direct flushing pipe method to avoid block and crossed contamination.
- ⑥. Power failure protection to avoid data losing, data storage could be extended to more than 20,000.
- ⑦. Available to power off any time, therefore reduce reagent consumption, suitable for any hospitals.

Item	Measuring Range	Resolution	Measuring Precision(CV%)
K ⁺	0.5~20.0mmol/L	0.01 mmol/L	≤1.0%
Na ⁺	15~200mmol/L	0.1 mmol/L	≤1.0%
Cl ⁻	15~200mmol/L	0.1 mmol/L	≤1.0%
Ca ²⁺	0.1~6.0mmol/L	0.01 mmol/L	≤1.0%
Li ⁺	0.1~5.0mmol/L	0.01 mmol/L	≤2.0%
pH	4~9pH	0.01 pH	≤0.5%
TCO ₂	2.0~70.0mmol/L	0.1 mmol/L	≤3.0%

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KALSTEIN® Electrolyte Analyzer

Model YR05166

**Parameter Configuration:**

Model	Test Project
YR05166	K, Na, Cl
YR05167	K, Na, Cl, TCO ₂ , AG
YR05168	K, Na, Cl, iCa, nCa, TCa, pH
YR05169	K, Na, Cl, iCa, nCa, TCa, pH, TCO ₂ , AG
YR05170	K, Na, Cl, Li
YR05171	K, Na, Cl, iCa, nCa, TCa, pH, Li
YR05172	K, Na, Cl, iCa, nCa, TCa, pH, Li, TCO ₂ , AG
YR05173	K, Na, Cl, Li, Mg
YR05174	K, Na, Cl, iCa, nCa, TCa, pH, Mg
YR05175	K, Na, Cl, iCa, nCa, TCa, pH, Mg, TCO ₂ , AG
YR05176	K, Na, Cl, iCa, nCa, TCa, pH, Li, Mg, TCO ₂ , AG

Analysis Method: Ion selective electrode (ISE)

Sample Volume: 60~300µl (item 3 to item 11)

Sample Position: 35 positions (including 1 QC)

Storage: Up to 10000 test results

Printer: Internal thermal printer

Interface: RS232 port

Working Environment:

Temperature: 5~40°C

Relative Humidity: ≤ 80%

Atmospheric Pressure: (86~106) kPa

Power Supply: AC110/220V±10%, 60/50Hz

Power: ≤120W

Parameters:

Sample: Serum, Plasma, Whole Blood, Cerebrospinal Fluid and Dilute Urine

Measuring Speed: ≤25s

Dimension(W*D*H): 380*270*400mm

Package Size(W*D*H): 490*390*700mm

Net Weight: 8kg

Gross Weight: 27kg



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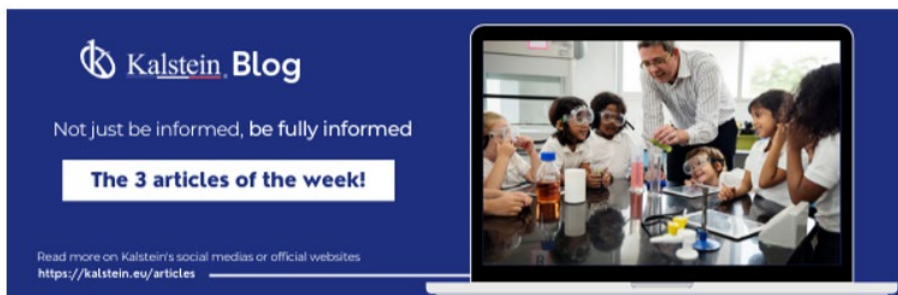
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What is the importance of the laboratory refrigerator?

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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