

TECHNICAL DATA SHEET

Laboratory Electrolyte Analyzer YSTE-E972

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Simple YES/NO prompted operation

High accurate and long life electrode and TCO₂ sensor

Sleep mode to reduce reagent consumption

Rapid test speed of 80 tests per hour

Minimum sample volume is 60ul

Individual reagent to avoid waste

Option: Sample tray

Parameter configuration:

A K, Na, Cl

B K, Na, Cl, TCO₂

C K, Na, Cl, iCa, nCa, TCa, pH

D K, Na, Cl, iCa, nCa, TCa, pH, TCO₂, AG

F K, Na, Cl, Li

H K, Na, Cl, iCa, nCa, TCa, pH, Li

I K, Na, Cl, iCa, nCa, TCa, pH, Li, TCO₂, AG

J K, Na, Cl, iCa, nCa, TCa, pH, Mg, TCO₂, AG

K K, Na, Cl, iCa, nCa, TCa, pH, Li, Mg, TCO₂, AG

Specification:

Sample: serum, plasma, whole blood, cerebrospinal fluid and dilute urine

Measuring speed: ≤25s

Analysis Method: ion select electrode (SE)

Sample volume: 60-300ul (3 parameters to 11 parameters)

Sample position: 35 positions (including 1 QC)

Storage: up to 10,000 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: 220V±20V, 50-60Hz

Power: ≤120W

Dimension: 380mm*270mm*400mm

Net weight: 8Kg

Items 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%

Ca²⁺ 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%

TCO₂ 2.0-70.0mmol/L 0.1 mmol/L ≤3.0%

Main Features:

Automatic electric potential tracking and correcting software to ensure the stable performance.

Automatically detect and filter tiny bubbles to avoid clog and ensure accurate measurement.

Real-time diagnostic of system working status. Waste liquid automatic detection and alarming.

Automatic calibration and two-point correction to adjust slope and intercept.

Wave theory flushing method and direct flushing pipe method to avoid block and crossed contamination.

Power failure protection to avoid data losing, data storage could be extended to more than 20,000.

Available to power off any time, therefore reduce reagent consumption, suitable for any hospitals.

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Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.