



Electrolyte analyzer

EA-3972

Details :

- 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

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.

Technical Specification

Measuring Time	≤25~90s (Type A~Type I, Time for sampling, measuring, washing and printing)
Sample size	60~300μl(Type A~Type I,optional)
Applicable specimens	blood serum,blood plasma,whole blood,cerebrospinal fluid and dilute urine
Data storage	10000, Support fuzzy query (can be extended)
Automatic sampling	sampling system for option (35samples, 3 QC, 5 emergency)
Display	7 inch Color of Touch screen
Operating mode	T-Touch
Print	intenal graphic thermal printer
Air bubble test	Yes
Alarm for waste liquid overflow	Yes
Alarm for standard liquid level	Yes
Barcode scanning	Yes
CPU	32bit
Communication interface	RS 232
Online software	NO
Working condition	Temperature: 5°C~40°C Relative humidity ≤80%
Power	Outer AC 19V
Weight	10kg (Host machine)

Items	Measuring Range	Resolution	Measuring Precision (CV%)
K ⁺	0.5 - 20.0mmol/L	0.01 mmol/L	≤1.0%
Na ⁺	15-200mmol/L	0.1mmol/L	≤1.0%
C1 ⁻	15-200mmol/L	0.1mmol/L	≤1.0%
Ca ²⁺	0.1-6.0mmol/L	0.01mmol/L	≤1.0%
Li ⁺	0.1-5.0mmol/L	0.01mmol/L	≤2.0%
pH	4-9pH	0.01pH	≤0.5%
TCO ₂	2.0-70.0mmol/L	0.1mmol/L	≤3.0%

Regulatory compliances



Corporate Social Responsibility



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