



EASTMED®

PROFESSIONAL LABORATORY
EQUIPMENT MANUFACTURER



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

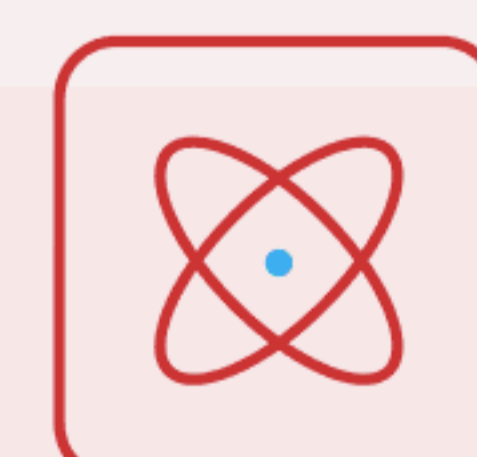
Minimum sample volume is 60ul

Individual reagent to avoid waste

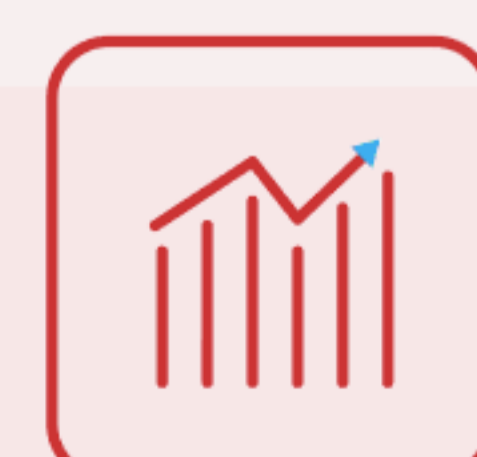
Option: Sample tray



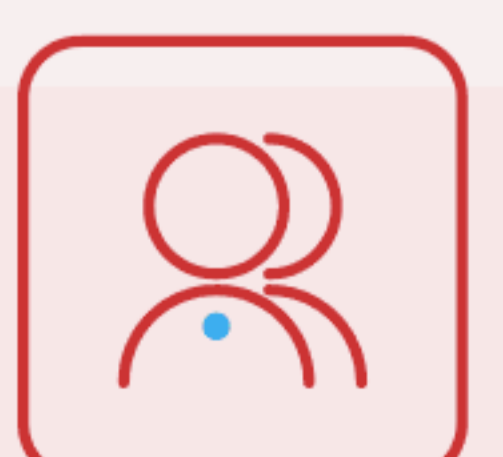
EM-1000 Electrolyte Analyzer



Accurate
measurement



Stable
performance



Fast
service



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EM-1000 Electrolyte Analyzer

Technical Data

Specification:

Sample: serum, plasma, whole blood and dilute urine
 Analysis Method: ion selective electrode(ISE)
 Measuring time: ≤30s
 Sample position: 39 positions (including 5 emergency and 4 functional positions)
 Storage: up to 10000 test results
 Printer: Internal thermal printer
 Interface: RS232 port

Working environment:

Temperature: 10-30°C
 Relative Humidity: ≤ 80 %
 Atmospheric pressure: 86~106 kPa
 Power supply: AC220V±22V, 50Hz±1Hz
 Power: ≤120W
 Dimension: 380mm (L) *270mm (W) *400mm (H)
 Net weight: 8Kg

Measure Data

Items	Measuring Range	Resolution	Measuring Precision(CV%)
K ⁺	0.50-20.00mmol/L	0.01mmol/L	≤1.5%
Na ⁺	15.0—200.0mmol/L	0.1mmol/L	≤1.5%
Cl ⁻	15.0—200.0mmol/L	0.1mmol/L	≤1.5%
Ca ⁺⁺	0.10—6.00mmol/L	0.01mmol/L	≤2.0%
pH	4.00-9.00pH	0.01pH	≤2.0%
Li ⁺	0.10-6.00mmol/L	0.01 mmol/L	≤3.0%
Mg ⁺⁺	0.10-4.00mmol/L	0.01 mmol/L	≤3.5%
TCO ₂	2.0-70.0mmol/L	0.1 mmol/L	≤3.5%

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 diagnosis of system working status. Waste liquid automatic detection and alarming.
- ▶ Automatic calibration and two-point correction to adjust slope and intercept.
- ▶ Wave flushing method and direct flushing pipe method to avoid block and crossed contamination.
- ▶ Power failure protection for data storage up to 20000 results.
- ▶ Minimum consumption, reduce consumable cost.

Model No	Configuration
A	K Na Cl
B	K Na Cl TCO ₂ AG
C	K Na Cl iCa nCa TCa pH
D	K Na Cl iCa nCa TCa pH TCO ₂ AG
F	K Na Cl Li
H	K Na Cl iCa nCa TCa pH Li
I	K Na Cl iCa nCa TCa pH Li TCO ₂ AG
K	K Na Cl iCa nCa TCa pH Mg
L	K Na Cl iCa nCa TCa pH Mg TCO ₂ AG
M	K Na Cl iCa nCa TCa pH Mg Li TCO ₂ AG
N	K Na Cl iCa nCa TCa pH Mg