



ELECTRA - 60

Fully Automatic Electrolyte Analyzer



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Features

- Compact, cost-efficient and easy-to-use
- Excellent precision and reliability
- Long life, high performance, maintenance - free electrodes
- Automatic sampling, washing and calibration
- Touch screen ,large LCD display
- Internal thermal printer. supporting barcode reader
- Auto sampler (optional) offering 26 positions (with 2 for emergency positions)
- Barcode reader (optional) for positive identification of patient samples

Specifications

Principle	Direct measurement by Ion Selective Electrode (ISE)
Sample	whole blood, serum, plasma, diluted urine
Sample volume	100~150 µl
Throughput	up to 60 samples/h
Data storage	up to 500 patient result
Calibration	Automatic or On-demand
Input	Touch-screen
Display	Large LCD with backlight
Output	Internal thermal recorder, RS-232 serial port

Working Environment	Temperature : 10°C~30°C Relative humidity : 20%~85%, AC 220V/110V ±10%, 50/60Hz
Input voltage	60W
Power consumption	440mm×380mm×350mm (H×W×D)
Dimension	Main unit -10 kg
Weight	Auto sampler (option) - 1.5 kg

Specifications

	Measuring range	Reproducibility(CV%)
K ⁺	0.50~15.00 mmol/L	≤1.0%
Na ⁺	30.0~200.0 mmol/L	≤1.0%
Cl ⁻	30.0~200.0 mmol/L	≤1.0%
Ca ²⁺	0.10~5.00 mmol/L	≤2.0%
pH	7.00~9.00 (unit)	≤1.0%
Li ⁺	0.30~3.00 mmol/L	≤3.0%



Simple and reliable design of fluid tubing system and electrodes, minimize the maintenance work



Automatic sampling and probe washing, Minimize the carry-over



Touch screen, user friendly software, easy to operate



RS-232 serial port & barcode reader port

Available Models

ELECTRA 60A	K ⁺ / Na ⁺
ELECTRA 60F	K ⁺ / Na ⁺ / Cl ⁻
ELECTRA 60E	K ⁺ / Na ⁺ / Cl ⁻ / Li ⁺
ELECTRA 60B	K ⁺ / Na ⁺ / Cl ⁻ / CO ₂
ELECTRA 60C	K ⁺ / Na ⁺ / Cl ⁻ / Ca ²⁺ / pH
ELECTRA 60D	K ⁺ / Na ⁺ / Cl ⁻ / Ca ²⁺ / pH / CO ₂



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