

Electrolyte
Analyzer



SE1

Electrolyte Analyzer

Portable ISE analyzer

A handheld electrolyte analyzer that delivers lab-quality, diagnostic results in minutes.



new

Features



3-step operation



No carryover



Maintenance free



Internal calibration



Electrodeless and liquid free



Sample can be capillary or whole blood

Specification

Principle	Ion select electrode (ISE)	Sample type	Arterial or venous whole blood
Sample volume	80-120 μ l	Parameter	K ⁺ , Na ⁺ , Cl ⁻ , Ca ²⁺ , pH, Li ⁺ #, Mg ²⁺ #, tCO ₂ #
Test time	4 minutes / sample	Scanner	Internal scanner for cartridge Internal scanner for sample (optional)
Storage	Up to 500,000 test results	Connection	WIFI, Direction LIS (HL7)
Calibration	Internal calibration	Display	4.3 inch
Printer	Built-in thermal printer	Battery	3.7V, 5000 mAh Up to 55 samples in a row
Interface	Type C		

Under development

Test Parameter

Item	Measuring Range	Resolution	Measuring Precision (CV%)
K ⁺	1.5 ~ 11mmol/L	0.01mmol/L	1.5%
Na ⁺	90 ~ 180mmol/L	0.1mmol/L	1.5%
Cl ⁻	65 ~ 140mmol/L	0.1mmol/L	1.5%
Ca ²⁺	0.25 ~ 2.50mmol/L	0.01mmol/L	1.5%
pH	6.500 ~ 8.000	0.001	S ≤ 0.02
Li ⁺ #, Mg ²⁺ #, tCO ₂ #	# Under development		