

Portable Electrolyte Analyzer

STAX-5 inspire



World-first Point-of-Care Mg+ analyzer

Advantages are;

- Full electrolyte parameters by finger drop of 10 μ L blood.
- Quick test result within 60 – 180seconds.
- On-board printer.
- No maintenance required.

Easy 3 steps operation



STEP 1

Apply a sample into sensor card and close the cover.



STEP 2

Insert the sensor card into the analyzer.



STEP 3

Test result is printed and appeared on the display within 180seconds.

NOTE:

Blood can be applied by either fingers or syringe.



From fingers



From syringe

3 kinds of single use sensor card for different test



Test available	Sensor Card E1	Sensor Card E2	Sensor Card E3
pH		●	●
pCO ₂		●	
cNa ⁺	●		
cK ⁺	●		
cCl ⁻	●		
cMg ²⁺			●
cCa ²⁺			●
Hct	●		

Specifications

Sample type	Whole blood, Plasma, Serum, Dialysate, Urine, Spinal fluid, control (ISE-CRS)	
Measured parameters	pH	6.000 – 8.000
	pCO ₂	10.0 – 200.0 torr
	cNa ⁺	100.0 - 180.0 mmol/L
	cK ⁺	1.00 - 10.00 mmol/L
	cCl ⁻	50.0 - 200.0 mmol/L
	cMg ²⁺	0.25 – 2.50 mmol/L
	cCa ²⁺	0.50 – 5.00 mmol/L
	Hct	15.0 – 65.0 %
Calculated parameters	AG, cHCO ₃ ⁻ , TCa, TMg	
Sample volume	10µL by finger drop blood or from syringe	
Analysis time	Sensor Card E1	60 seconds
	Sensor Card E2/E3	180 seconds
Principle	Ion Selective Method	
Calibration	Automated 1point calibration before analysis	
Sensor card shelf life	Sensor Card E1/E2	1 year refrigerated 2 months in room temperature
	Sensor Card E3	6 months refrigerated 1 week in room temperature
	NOTE: It should be storage by 2 – 8degree Celsius.	
Display	3.5inch color touch panel display	
Printer	Built-in	
Interface	USB	
Data capacity	3,000 results	
Operational environment	Instrument	10 - 35degree Celsius
	Sensor card	10 – 30degree Celsius
Size	Instrument	W95-D215-H86.5mm
	Sensor card	W45-D69-H7mm
Power	AC 100 – 240V, 50/60Hz	
Battery	AA batteries	
Weight	850gs (without battery)	

Specifications subject to change without notice

Manufacturer



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