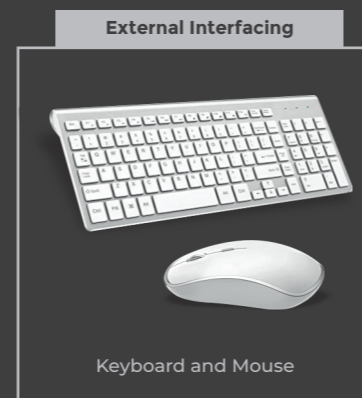
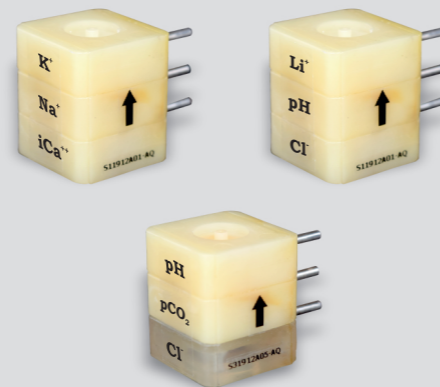
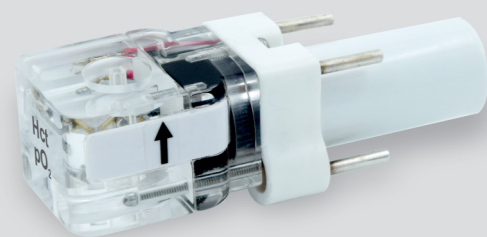


- Aspirate 1 sample and acquire 27 different results.
Blood gas : pH, pCO₂, pO₂.
Metabolites : GLU, LAC.
Hematocrit : Hct.
Electrolytes : Na⁺, K⁺, iCa⁺⁺, Li⁺, pH, Cl⁻.
Calculated Parameters : Hb, HCO₃⁻, BE, BE-B, BE-ECF, TCO₂, AG, AG(K), O₂ Sat, O₂ Ct, SBC, nCa, TCa, pO₂%, A, AaDO₂, a/A.
- Levey-Jennings chart for NABL and seamless integration to LIS (Lab information system).
- Numeric & alpha numeric input option with 15 digits Patient ID & Patient Name.
- Self probe wiping facility with 3 different aspiration modes (sample tube, sample syringe & capillary).
- The results can be recalled by Sample List, Date, Patient ID, Patient Name & Department.
- Unlimited User Accounts and Login facility by their unique User ID & Password.
- External mouse, keyboard & barcode scanner interfacing option.
- Reagent consumption & sample count monitoring facility.
- 10 inch high definition LCD with capacitive touch screen.
- Single Reagent pack for all 16 parameter combinations.
- Maximum 1,00,000 samples data storage capacity.
- Reference ranges with Results on display and print.
- One touch calibration for new reagent pack.
- Integrated parameter conversion functionality.
- Two USB(2.0) & One RS232 output ports.
- Default and Alternate units of measurement.
- Excellent precision and reliability.
- Extremely low cost per test.
- Automatic Calibration.
- Optional battery backup.
- Used for near patient testing use only.
- Multilingual support & much more.

Specifications



- Principle : Direct measurement with ion selective electrode (ISE), Impedance (Hct) and Amperometry (pO₂, GLU, LAC).
- Reading time : ≈ 80 seconds.
- Parameters : This functionality allows the change of analytes.
- Sample Type : Whole Blood, Serum, Plasma, Diluted Urine and QC.
- Conditioning : Storage 5°C to 40°C (41°F to 104°F) and relative humidity 10-90%
Operating 15°C to 35°C (59°F to 95°F) and relative humidity 10-90%
- Display : 10 inch high definition LCD with capacitive touch.
- Print : 2 inch 24 column thermal printer.
- Input voltage : 100-240V AC, 50/60Hz, 1.4A
- Dimensions : 15.8" W x 13.5" H x 9.3" D , Weight: 5.7 Kg (without pack).
- OS : Android.
- Throughput : ≈ 45 Samples / Hour
- Sample volume : ≈ 100µL (Capillary/Micro Mode),
≈ 180µL (Whole Blood, Serum, Plasma, QC),
≈ 500µL (Diluted Urine).
- Battery : Optional (2 hours in standby mode).
- Storage : 1,00,000 Samples.



BLOOD MEASUREMENT RANGE			
Type	Parameter	Units	Range of indication
Blood Gas	pH		6.5 - 8.0
	pCO ₂	mmHg	5 - 250
		kPa	0.7 - 33.3
	pO ₂	mmHg	5 - 750
kPa		0.7 - 100	
Hematocrit	Hct	%	10 - 75
		L/L	0.10 - 0.75
Metabolites	Glu	mg/dL	20 - 700
		mmol/L	1.1 - 38.9
	Lac	mmol/L	0.30 - 20.00
Electrolytes	Na ⁺	mmol/L, mEq/L	20 - 200
		K ⁺	mmol/L, mEq/L
	Cl ⁻	mmol/L, mEq/L	25 - 200
	iCa ⁺⁺	mmol/L	0.1 - 6.0
		mEq/L	0.2 - 12.0
		mg/dL	0.4 - 24.0
	Li ⁺	mmol/L, mEq/L	0.2 - 5.0

URINE MEASUREMENT RANGE			
Type	Parameter	Units	Range of indication
Electrolytes	Na ⁺	mmol/L	25 - 1000
	K ⁺	mmol/L	1.0 - 500
	Cl ⁻	mmol/L	25 - 500

PARAMETER COMBINATIONS															
ABGEM	ABGM	ABGE	ABG	ELECTROLYTE											
BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
K ⁺	K ⁺	K ⁺	B	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺	K ⁺
Na ⁺	Na ⁺	Na ⁺	B	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺	Na ⁺
iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	B	B	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	iCa ⁺⁺	B
pH	pH	pH	B	pH	pH	pH	Li ⁺	Li ⁺	B	Li ⁺	B	Li ⁺	B	B	B
pCO ₂	pCO ₂	pCO ₂	pCO ₂	pCO ₂	pCO ₂	pCO ₂	pH	B	pH	pH	pH	B	B	B	B
Cl ⁻	Cl ⁻	Cl ⁻	B	Cl ⁻	Cl ⁻	Cl ⁻	Cl ⁻	Cl ⁻	Cl ⁻	B	B	B	Cl ⁻	B	B
Hct	Hct	Hct	Hct	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB
pO ₂	pO ₂	pO ₂	pO ₂	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB	OB
GLU	LAC	GLB	GLB	GLB	GLB	GLB	GLB	GLB	GLB	GLB	GLB	GLB	GLB	GLB	GLB
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯