

Measured Parameter

Parameter	Reportable Range
Na^+	90 ~ 180mmol/L
K^+	1.5 ~ 11mmol/L
Cl^-	65 ~ 140mmol/L
Ca^{2+}	0.25 ~ 2.50mmol/L
pH	6.500 ~ 8.000
pCO ₂	10.0 ~ 150.0mmHg
pO ₂	10 ~ 425mmHg
Hct	10 ~ 75%PCV
Glu	1.1 ~ 38.9mmol/L
Lac	0.3 ~ 20.0mmol/L

Calculated Parameter		
pH(T) #	cH ⁺ #	cH ⁺ (T) #
pCO ₂ (T) #	cHCO ₃ ⁻ (p)	cBase(B) _e
cBase(Ecf) _e	cBase(Ecf,ox) _e #	cHCO ₃ ⁻ (P, st) _e #
cBase(B,ox) _e #	ctCO ₂ (B)	ctCO ₂ (P) #
pO ₂ (T) #	pO ₂ (A) #	pO ₂ (A-a) #
pO ₂ (a/A) #	ctO ₂ (B)	RI #
ctHb #	pO ₂ (a)/FO ₂ (I) #	pO ₂ (a/A, T) #
pO ₂ (A-a, T) #	pO ₂ (a, T)/FO ₂ (I) #	RI(T) #
cCa ²⁺ (7.4) #	Anion Gap(K) _e #	sO _{2e}
cHgb	AG	

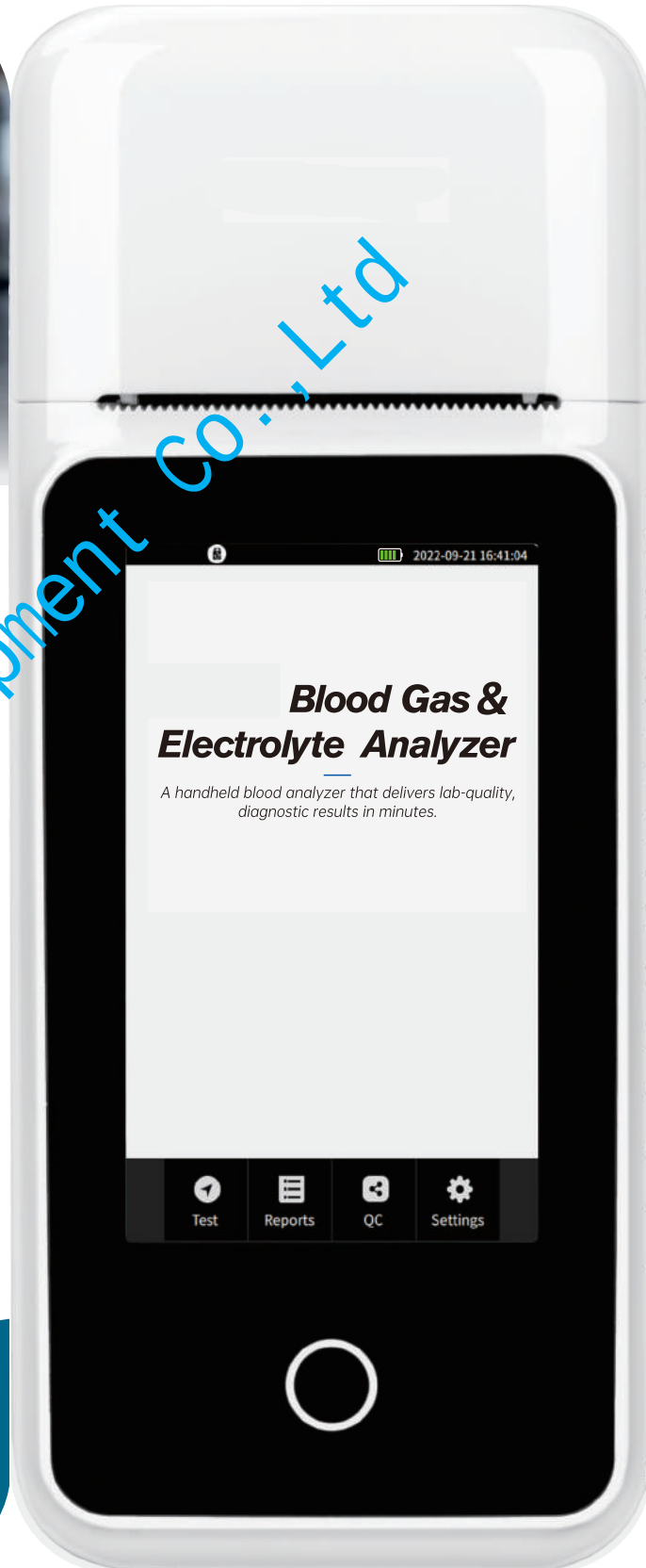
Coming soon



Test Cartridges

Parameter	BG3	BE4	BE5	BG7	BG8	BG10
pH	●		●	●	●	●
pO ₂	●			●	●	●
pCO ₂	●			●	●	●
K ⁺		●	●	●	●	●
Na ⁺		●	●	●	●	●
Cl ⁻		●	●	●	●	●
Ca ²⁺		●	●	●	●	●
Hct					●	●
Glu						●
Lac						●
TCO ₂ [*]	●			●	●	●
cHgb [*]	●			●	●	●
cHCO ₃ ^{-*}	●			●	●	●
BE(εc) _e [*]	●			●	●	●
BE(I) _e [*]	●			●	●	●
cSO ₂ [*]	●			●	●	●
AG [*]	●			●	●	●

* Calculated parameter





Reader

Sample	Arterial or venous whole blood
Sample volume	90-120 μ L
Printer	Built-in thermal printer
Weight	600g
Connection	Type-c interface Bi-directional LIS connection
Battery	3.7V, 5000mAh
Operating temperature	Temperature: 5 - 32 $^{\circ}$ C Relative humidity $\leq$ 85%



Easy to use

Testing can be performed in 3 simple steps at the patient's side with only 2 or 3 drops of whole blood.

Handheld portability

Lightweight with built-in battery allowing diagnosis at the point of care, patient side, out in the field or exam room.



Fast results

Get accurate results in 4 minutes at the patient's side to enable rapid decision-making, and optimize patient-care.

Multi-parameter Cartridge

Single-use test cartridge offer a broad menu of tests on a single, portable platform. Each test cartridge has a unique combination of biosensors to suit a wide range of clinical needs.



Easy 3 steps operation



Step 1

Add sample

Add 2 or 3 drops of whole blood into cartridge



Step 2

Insert cartridge

Insert the cartridge into the analyzer



Step 3

Read result

Read the test report in 4 minutes