

## Measured Parameter

Parameter	Reportable Range
<b>Na<sup>+</sup></b>	90 ~ 180mmol/L
<b>K<sup>+</sup></b>	1.5 ~ 11mmol/L
<b>Cl<sup>-</sup></b>	65 ~ 140mmol/L
<b>Ca<sup>2+</sup></b>	0.25 ~ 2.50mmol/L
<b>pH</b>	6.500 ~ 8.000
<b>pCO<sub>2</sub></b>	10.0 ~ 150.0mmHg
<b>pO<sub>2</sub></b>	10 ~ 425mmHg
<b>Hct</b>	10 ~ 75%PCV
<b>Glu</b>	1.1 ~ 38.9mmol/L
<b>Lac</b>	0.5 ~ 20.0mmol/L

### Calculated Parameter

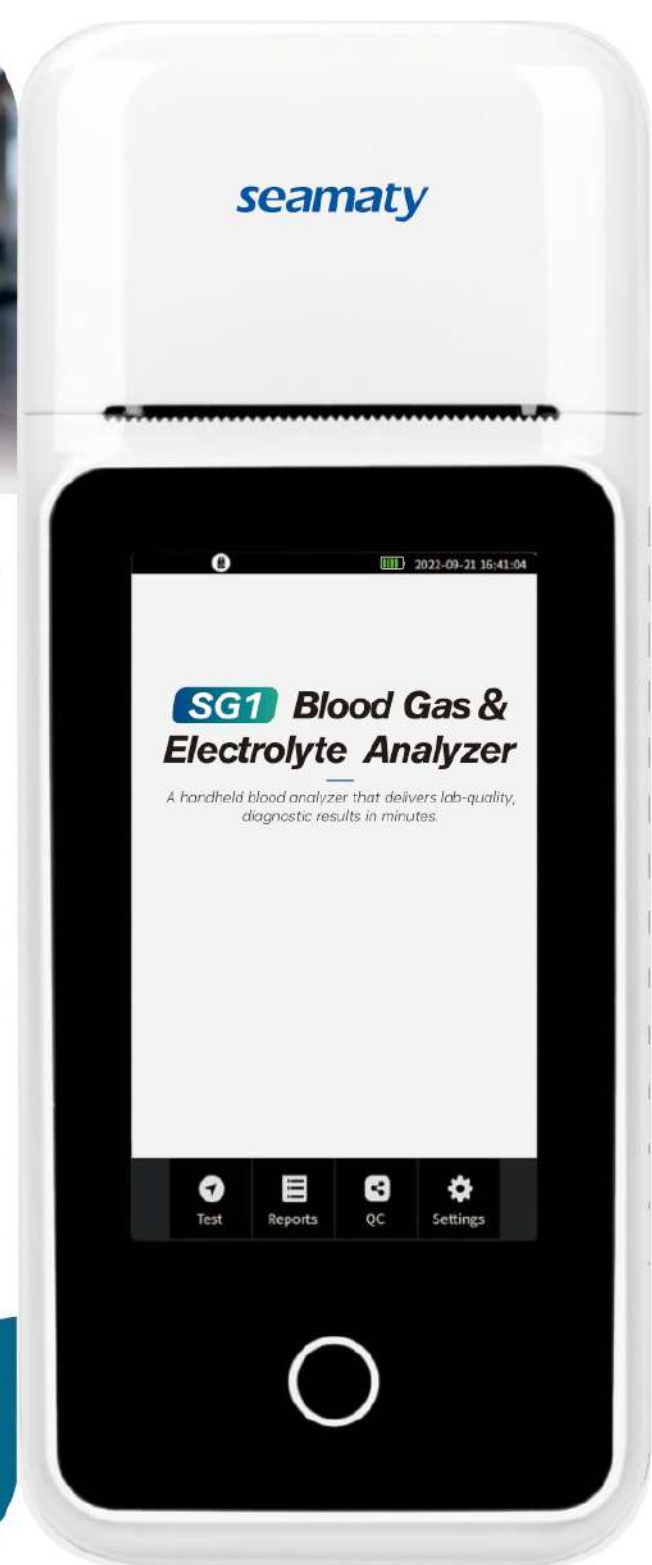
<b>pH(T)</b> #	<b>cH<sup>+</sup></b> #	<b>cH<sup>+</sup>(T)</b> #
<b>pCO<sub>2</sub>(T)</b> #	<b>cHCO<sub>3</sub><sup>-</sup>(p)</b>	<b>cBase(B)<sub>s</sub></b>
<b>cBase(Ecf)<sub>s</sub></b>	<b>cBase(Ecf,ox)<sub>s</sub></b> #	<b>cHCO<sub>3</sub><sup>-</sup>(P, st)<sub>s</sub></b> #
<b>cBase(B,ox)<sub>s</sub></b> #	<b>ctCO<sub>2</sub>(B)</b>	<b>ctCO<sub>2</sub>(P)</b> #
<b>pO<sub>2</sub>(T)</b> #	<b>pO<sub>2</sub>(A)</b> #	<b>pO<sub>2</sub>(A-a)</b> #
<b>pO<sub>2</sub>(a/A)</b> #	<b>ctO<sub>2</sub>(B)</b>	<b>RI</b> #
<b>ctHb</b> #	<b>pO<sub>2</sub>(a)/FO<sub>2</sub>(I)</b> #	<b>pO<sub>2</sub>(a/A, T)</b> #
<b>pO<sub>2</sub>(A-a, T)</b> #	<b>pO<sub>2</sub>(a, T)/FO<sub>2</sub>(I)</b> #	<b>RI(T)</b> #
<b>cCa<sup>2+</sup>(7.4)</b> #	<b>Anion Gap(K)<sub>s</sub></b> #	<b>sO<sub>2s</sub></b>
<b>cHgb</b>	<b>AG</b>	.....



## Test Cartridges

Parameter	BG3	BE4	BE5	BG7	BG8	BG10
<b>pH</b>	●		●	●	●	●
<b>pO<sub>2</sub></b>	●				●	●
<b>pCO<sub>2</sub></b>	●			●	●	●
<b>K<sup>+</sup></b>		●	●	●	●	●
<b>Na<sup>+</sup></b>		●	●	●	●	●
<b>Cl<sup>-</sup></b>		●	●	●	●	●
<b>Ca<sup>2+</sup></b>		●	●	●	●	●
<b>Hct</b>					●	●
<b>Glu</b>						●
<b>Lac</b>						●
<b>TCO<sub>2</sub><sup>*</sup></b>	●			●	●	●
<b>cHgb<sup>*</sup></b>	●			●	●	●
<b>cHCO<sub>3</sub><sup>*</sup></b>	●			●	●	●
<b>BE(ecf)<sup>*</sup></b>	●			●	●	●
<b>BE(b)<sup>*</sup></b>	●			●	●	●
<b>cSO<sub>2</sub><sup>*</sup></b>	●			●	●	●
<b>AG<sup>*</sup></b>	●			●	●	●

\* Calculated parameter





- Built-in Printer
- Barcode Scanner Window
- Type-C Charging Port & Data Port
- Touch Screen
- Battery
- Power Button
- Cartridge Port

## Reader

<b>Sample</b>	Arterial or venous whole blood
<b>Sample volume</b>	90-120 µL
<b>Printer</b>	Built-in thermal printer
<b>Weight</b>	600g
<b>Connection</b>	Type-c interface Bi-directional LIS connection
<b>Battery</b>	3.7V, 5000mAh
<b>Operating temperature</b>	Temperature: 5 - 32 °C; Relative humidity <=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



02

### Step 2

#### Insert cartridge

Insert the cartridge into the analyzer



03

### Step 3

#### Read result

Read the test report in 4 minutes