

Blood Gas & Electrolyte Analyzer BGE800 Series

Features:

- ①. 10.4" TFT Touch Screen
- ②. Infrared human-dector
- ③. Auto QC Cartridge
- ④. Easy to use ,fast data input
- ⑤. Cost-saving standby mode
- ⑥. Rich data management
- ⑦. Flexible and simple calibrants cartridge
- ⑧. Friendly operation interface



BGE-800 Series

Measured Parameters:

Test Items	Measuring Range	Unit
pH(CH)	6.000-9.000	pH scale
pCO ₂	1.607-26.67	kpa
	8.0-200.0	mmHg
pO ₂	0-106.7	kpa
	0-800.0	mmHg
K	0.5-15.0	mmol/L
Na ⁺	20.0-200.0	mmol/L
Cl ⁻	20.0-200.0	mmol/L
Ca ⁺⁺	0.3-5.0	mmol/L
Hct	12.0-65.0	%
B.P.	500-800	
Glu	1.1-66.7	mmol/L
Lac	0.4-30.0	mmol/L

Derived(Calculated) Parameters:

pH(TC)	pH Temperature Corrected
pCO ₂ (TC)	pCO ₂ Temperature Corrected
pO ₂ (TC)	pO ₂ Temperature Corrected
TCO ₂	Total Carbon Dioxide
HC03	Actual Plasma Bicarbonate
BEb	Base Excess in Blood
BEecf	Base Excess Inextra Cellular Fluids
SBC	Standard Bicarbonate
s02%	Calculated Oxygen Saturation Percentage
Ca ⁺⁺ (7.4)	Ionized Calcium Normalized" to pH 7.4
TCa	Total Calcium Content
AG	Anion Gap
RI	Respiratory Index
AaD0 ₂	Alveolar Artillery Oxygen Gradient
0,SAT	Oxygen Saturation
tHb(c)	Hernoglobin (Calculated)

Model	BGE-800 Series
Sample	Whole blood, Serum, Plasma, Dialysate, CSF
Input Parameters	Patient Temperature,Hemoglobin,FIO ₂ ,B.P.
Analysis Time	< 90s
Sample Volume	95ul (whole blood),35ul (capillary blood)
Calibration	Automatic,Programmable,One-point and Two-point
Data Storage	More than 10000 Results
Display	10.4" TFT Touch Screen
Battery	Lead Acid Battery,2.3Ah
Printer	Build in Thermal Printer,70mm
Barcode Reader	Up to 14 Kinds Barcode Type
Interface	Serial Line RS-232
	TCP/IP Interface
	USB Port
	Integrated Bar-code Reader
Working Temperature	15°C~30°C
Storage Environment	5°C~45°C
Power Supply	100-240V~50/60Hz
Package Size	800*680*640mm
Gross Weight	50KG