

GABG-800

Blood Gas Analyzer



Sample Type

Whole blood, Serum, Plasma, Dialysate, CSF

Model name & test items

BG-800 (pH/pCO₂/pO₂/K⁺/Na⁺/Cl⁻/Ca⁺⁺/Hct)

BG-800A (pH/ pCO₂/ pO₂ /Hct)

BG-800E (pH/pCO₂/pO₂/K⁺/Na⁺/Cl⁻/Ca⁺⁺/Hct /Glu/Lac)

Working environment

Working temperature: 15°C~30°C

Storage environment: 5°C~45°C

Power supply: 100-240V~±10%, 50/60±1Hz Power: 150VA

Dimension (Length*width*Height) 420mm×623mm×410mm

Weight 25KG

Main Characteristics

- Multi-combination parameters
- Self-made maintenance free electrodes
- Both for syringes & capillary
- 35UL for capillary, 95UL for whole blood
- 1 min from the aspiration to result

- Long-lasting fluid system
- All-in-one design calibrate cartridge
- Cartridge expiration alarm & residue
- Preheats reagents & sample
- Optional Auto QC cartridge with H/M/L level
- Data storage >5,000
- Colorful touch screen with high resolution
- Friendly operation interface
- Infrared human-detector
- Rich data management interface
- Battery backup
- Build-in thermal printer
- Convenient bar-code system management
- Economic cost per test

Measured Parameters

Analyte	Measuring range	Unit
pH(CH)	6.000-9.000	
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	mmHg
Glucose	1.1-66.7	Mmol/L
Lactate	0.4-30.0	Mmol/L