Specifications

Performance	Specifications
Instrument size	235*210*160mm; 3.0Kg (including battery); 9 inches, capacitive touch color screen
Methodology	Microfluidic dry electrochemistry
Calibration fluid	Calibration fluid built into the test cartridge
Sample type	whole blood (arterial, venous)
Required sample size	150μL
Detectable indicators	One cartridge can detect: K, Na, Cl, iCa, pH pCO2, pO2, Glu, Lac, Hct、
Result time	120 seconds for the calibration process and about 45 seconds for sample detection.
Test card storage conditions and validity period	4 months at room temperature, (9°C–30°C) 8 months at refrigerated storage,(2°C–8°C)
Test card packing specifications	10-25-50-100 cartridges/pack
Analyzer operating conditions	Temperature: 16°C–30°C Humidity: 25% to 75% (non-condensation) Air pressure: 86 kPa～106.6 kPa
Integrated barcode scanner	Yes
Battery	standby time ≥24 hours continuous detection ≥40 times
Printer	Yes, thermal printer
Connect to LIS/HIS	Yes(Ethernet, Wi-Fi)

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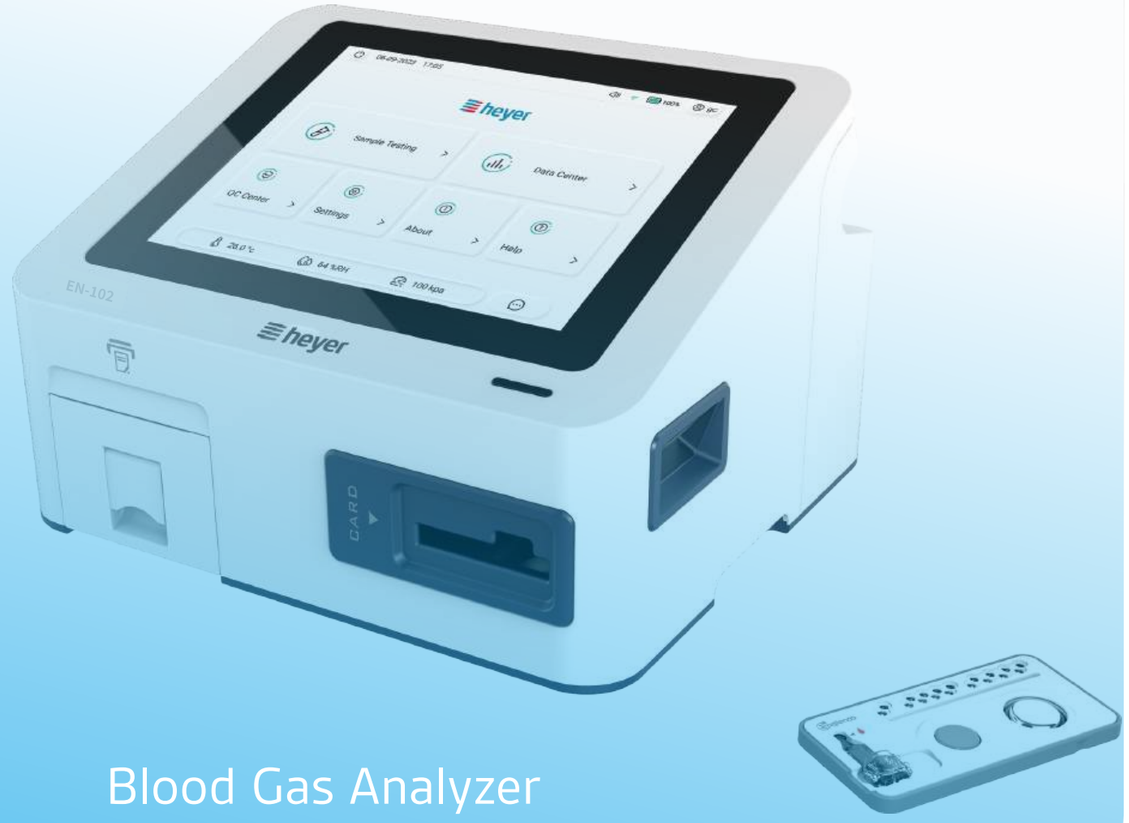

Blood Gas Analyzer
EN-102

CE NMPA

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Accurate,reliableand maintenance-free

Automatic calibration for each test, Accurate results in 5 minutes,Dry chemistry method,no reagent pack required,no carry-over contamination

Lightweight and portable

Rechargeable lithium battery:more than 50 tests,Size:235mm×210mm×160mm
Weight:3±0.5 kg (including battery)

Smart identification cartridge

Feedback of cartridge insertion,cartridge expiration date identification

Automatic quality control

Regular QC reminders, Power on Self-Test, Dual quality control:electronic simulator and controls

Easy-to-use

Quick start tutorial, 8-inch full HD touchscreen

Operating Instruction

Step1:Scan the barcode on the cartridge extracted

Step2:Add sample and slide the cap to seal the sample inlet.

Step3:Insert the cartridge until it clicks. Wait for the results.

Applications

Emergency Department

Monitoring of blood gases, metabolites and electrolyte parameters for emergency critical care patients with poisoning, coma and convulsions

ICU

Monitoring of blood gases, metabolites, electrolytes and acid-base balance for severe patients

Anesthesiology

Blood gases and electrolyte monitoring during surgical anesthesia (preoperative, intraoperative, postoperative)