

# A Brighter Solution of Critical Care

**i20** Blood Gas and  
Chemistry Analysis System



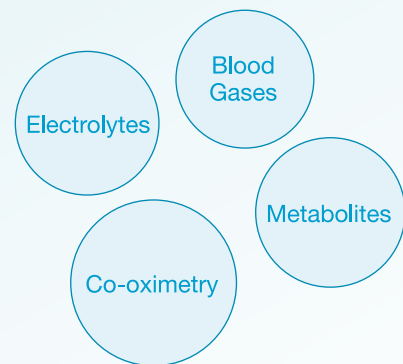
# i20 Blood Gas and Chemistry Analysis System



LAN/Wi-Fi connectivity

Build-in Printer and USB Storage

In critical care, blood gases test is often required to be done rapidly with small sample volume to ensure that results are accurate. With years' professional experience in this area, Edan's next-generation - i20, meets all the demands of healthcare providers for blood gases analysis, makes it an ideal blood gases analysis product in optimal patient care and satisfaction!



10.1 inches High-resolution Color touch screen with user-friendly software minimize training requirements

Auto-sampling reduces pre-analytic sample errors

Integrated barcode scanner/thermal printer speeds data management

Build-in battery allows 24-hours standby time

## Next-Generation Test Cartridge

- Microfluidics combines with Optical Fluorescence achieve accurate and reliable test result
- More than 40 parameters in one cartridge provides effective critical care to the patients
- Innovative optical fluorescence microchip allows long storage life at room temperature



## Simple

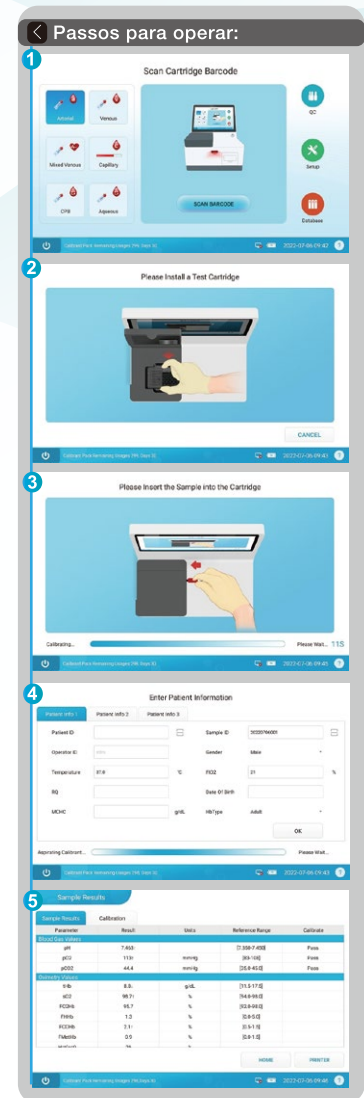
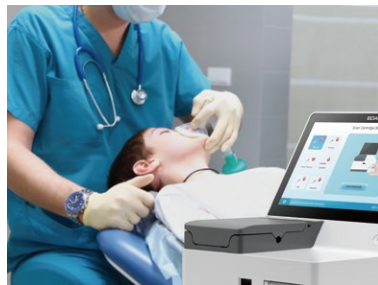
- Auto-sampling minimizes hands on time and training requirement
- Zero maintenance, portable, ready for use at any time
- Single-use cartridge avoids contamination
- 10.1 inches' color touch screen with user-friendly software

## Smart

- Calibrator with build-in NFC chip allows on-board directly
- Short TAT achieves earlier diagnosis and interventions
- Integrated data transmits report to LIS/HIS/DMS synchronically
- Up to 24 hours-standby time supports better flexibility

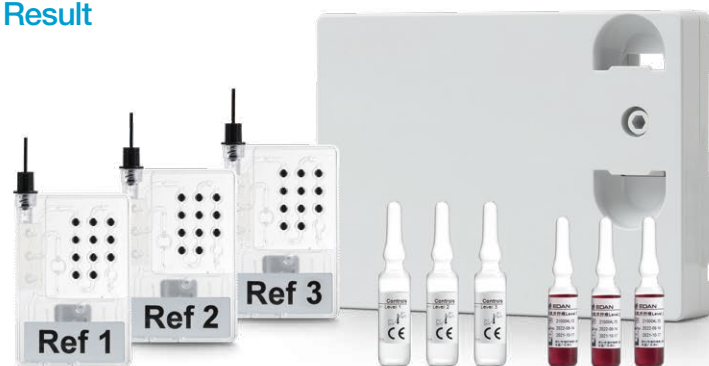
## Superior

- Best in Class accuracy and precision
- Comprehensive test menu, includes BGEM and immunoassay\*
- Smaller sample volume, minimum as 65ul
- Larger capacity, up to 60,000 patient data storage



## i20 Quality Control System

Triple Guarantee the Result



## Variety of test Cartridges

	iBG10-OXI*	iBG10*	iBG8-OXI	iBG8	iBC4	iBG4	iBG3
pH	—	—	—	—		—	—
pCO <sub>2</sub>	—	—	—	—		—	—
pO <sub>2</sub>	—	—	—	—		—	—
Na <sup>+</sup>	—	—	—	—	—		
K <sup>+</sup>	—	—	—	—	—		
Cl <sup>-</sup>	—	—	—	—	—		
Ca <sup>++</sup>	—	—	—	—	—		
Lac <sup>*</sup>	—	—					
Glu <sup>*</sup>	—	—					
tHb	—	—	—	—		—	
sO <sub>2</sub>	—		—				
FO <sub>2</sub> Hb	—		—				
FHHb	—		—				
FCOHb	—		—				
FMetHb	—		—				

Calculated values : cH<sup>+</sup>, pH(std), HCO<sub>3</sub><sup>-</sup>(act), HCO<sub>3</sub><sup>-</sup>(std), tCO<sub>2</sub>, BE(ecf), BE(act), BE(B), BB(B), ctO<sub>2</sub>, P50, sO<sub>2</sub>(est), Ca<sup>++</sup>(7.4), AnGap, Hct(est), pO<sub>2</sub>(A-a), pO<sub>2</sub>(a/A), RI, pO<sub>2</sub>/FIO<sub>2</sub>, cH+(T), pH(T), pCO<sub>2</sub>(T), pO<sub>2</sub>(T), pO<sub>2</sub>(A-a)(T), pO<sub>2</sub>(a/A)(T), RI(T), pO<sub>2</sub>(T)/FIO<sub>2</sub> , mOsm

\*Coming soon

## Specifications

Test Principle	Optical Fluorescence
Throughput	Results in 60s after sample aspiration
Sample volume	65uL / 95uL
Battery	6800mAh
Display	10.1 inch color touch screen, 1280*800
Dimensions(L*W*H)	245*270*290 mm
Weight	< 5 Kg
Operation Environment	10°C-30°C; %RH: 25%-80%; 57-106.6 KPa



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