

Parameter	Reportable Range	Resolution	Measurement method
pH (pH units)	6.5 – 8.0	0.001	Potentiometric sensor
pO₂ (mmHg)	10 – 700	0.1	Amperometric sensor
pCO₂ (mmHg)	10 – 150	0.1	Potentiometric sensor
Na (mmol/L)	100 – 180	0.1	Potentiometric sensor
K (mmol/L)	2.0 - 9.0	0.01	Potentiometric sensor
Ca (mmol/L)	0.25 – 2.5	0.01	Potentiometric sensor
CI (mmol/L)	65 – 140	0.1	Potentiometric sensor
Glu (mg/dL or mmol/L)	20 - 700/1.1 - 38.9	1/0.1	Amperometric sensor
Lac (mg/dL or mmol/L)	2.7 - 180.2/0.3 -20	0.1/0.01	Amperometric sensor
Hct (%PCV or Fraction)	10 – 75 /0.10 – 0.75	1%/0.01	Conductance sensor

#### Specification

Throughput	Results in 1 minute after sample aspiration
Sample volume	140µl
Quality control	3 or 5 levels QC, External electronic simulator
Display	7-inch color LCD Display, 800*480
Interface	4 x USB 2.0 host, 1 x RS232, WLAN
Input device	Touch screen and barcode scanner
Power supply	100~240VAC, 50/60Hz
Battery	5000mAh rechargeable lithium-ion battery, 50 samples continuous testing
Dimensions (W*H*D)	238*153*310 mm
Weight	3.65 KG
Operation Environment	10 °C-31 °C; %RH: 25%-80%; 70 -106.6 KPa

## About Edan

Edan is a healthcare company dedicated to improving the human condition around the world by delivering value-driven, innovative and high-quality medical products and services. For over 20 years, Edan has been pioneering a comprehensive line of medical solutions that address a broad range of healthcare practices including:

- Diagnostic ECG
- Ultrasound Imaging
- Patient Monitoring • OB/GYN
- Point-of-Care Testing
- In-Vitro Diagnostics Veterinary

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Healthcare professionals around the world depend on Edan's breakthrough medical technologies and outstanding customer support.



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i15 Blood Gas and Chemistry Analyzer



EDANO







#### Portable, lightweight

- Capable to run 50 samples with fully-charged battery
- · Diagnose at the point of care, patient side, out in the field or exam room

### Easy, Quick and Convenient

- Zero maintenanceMinimize hands on time and training requirement
- Auto-sampling
- Report is ready within one minute after sample aspiration

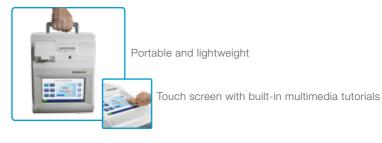
#### Accurate and Reliable

- Innovative microchip liquid control technology and micro-sensor multifunction membrane technology
- High sensitivity and accuracy
  Calibrator, Control and Electronic simulator to TRIPLE guarantee the RESULTS!

- Flexible Data Management

  Acquire patients' information via barcode/QR code
- Up to 10,000 patient data storage
- 4 USB ports and LAN/WiFi for data management
- Optional data management software

- Multi-parameter cartridge
  Multi popular time-sensitive parameters come in one cartridge, including ABG, electrolytes and metabolites
  Single-use cartridge avoids contamination
- Room temperature storage with long shelf-life



# i15 Quality Control System

Triple Guarantee the Result



### Variety of test Cartridges

	рН	pCO <sub>2</sub>	pO <sub>2</sub>	Na	K	Cl	Ca	Hct	Glu	Lac
BG3										
BG8										
BG4		_	_							
BG9		_	_		-	_	_	_	_	
BG10		_	_		_			_		
BC4					_			_		
Calculated	d values: cH+	, HCO3-act, HC	CO3-std, BE(ecf	), BE(B), BB(B),	ctCO2, sO2(es	t), Ca++(7.4), Ar	nGap, tHb(est),	pO2(A-a), pO2(a	a/A), RI, pO2/FI	O2, cH+(T),

pH(T), pCO2(T), pO2(T), pO2(A-a)(T), pO2(a/A)(T), RI(T), pO2(T)/FIO2 , mOsm

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