

LAN/Wi-Fi connectivity



Built-in Printer and USB Storage



Printer



Cartridge



Interface



USB Storage



Power Switch

Traffic Lights



i15 Video

i15 Quality Control System

Triple Guarantee the Result



i15

Blood Gas and Chemistry Analyzer



EDAN

A world of potential

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 maintenance
- Minimize 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

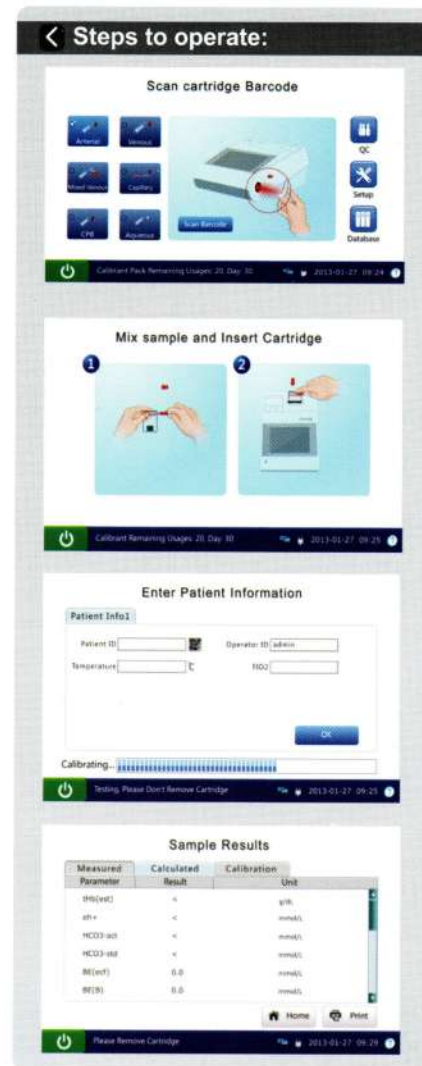
- Multi popular time-sensitive parameters come in one cartridge, including ABG, electrolytes and metabolites
- Single-use cartridge avoids contamination
- Room temperature storage with long shelf-life



Portable and lightweight



Touch screen with built-in multimedia tutorials



Variety of test Cartridges

	pH	pCO ₂	pO ₂	Na	K	Cl	Ca	Hct	Glu	Lac
BG3	—	—	—	—	—	—	—	—	—	—
BG8	—	—	—	—	—	—	—	—	—	—
BG4	—	—	—	—	—	—	—	—	—	—
BG9	—	—	—	—	—	—	—	—	—	—
BG10	—	—	—	—	—	—	—	—	—	—
BC4	—	—	—	—	—	—	—	—	—	—

Calculated values: cH+, HCO₃-act, HCO₃-std, BE(ecf), BE(B), BB(B), ctCO₂, sO₂(est), Ca++(7.4), AnGap, tHb(est), pO₂(A-a), pO₂(a/A), RI, pO₂/FIO₂, cH+(T), pH(T), pCO₂(T), pO₂(T), pO₂(A-a)(T), pO₂(a/A)(T), RI(T), pO₂(T)/FIO₂, mOsm



i15

Blood Gas and Chemistry Analyzer

Parameter	Reportable Range	Resolution	Measurement method
pH (pH units)	6.5 – 8.0	0.001	Potentiometric sensor
pO ₂ (mmHg)	10 – 700	0.1	Amperometric sensor
pCO ₂ (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
Cl (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 – 180/0.3 – 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	80-140ul
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



EDAN Diagnostic, Inc.
9833 Pacific Heights Blvd., Suite E/F
San Diego, USA
Email: edan-info@edandiagnostics.com
www.edandiagnostics.com

EDAN Instruments GmbH
Robert Bosch Strabe 11B,
63225 Langen Germany
Email: europe@edan.com.cn
www.edandiagnostics.com

EDAN Instruments Inc.
3/F-B, Nanshan
Medical Equipment Park Nanhai
Rd 1019#, Shekou, Nanshan
Shenzhen, China
www.edandiagnostics.com

Plot No. 64/1 Street No. 18, FECHS (NPF),
O-9, PWD Road, Islamabad - Pakistan.
E-mail: info@biocarepk.com
Ph: +92-51-5430563