

| Parameter               | Reportable Range     | Resolution | Measurement method    |  |
|-------------------------|----------------------|------------|-----------------------|--|
| pH (pH units)           | 6.5 – 8.0            | 0.001      | Potentiometric sensor |  |
| pO <sub>2</sub> (mmHg)  | 10 – 700             | 0.1        | Amperometric sensor   |  |
| pCO <sub>2</sub> (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         | 140µІ / 80µІ  |
| 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
- In-Vitro Diagnostics

- Patient Monitoring
- Point-of-Care Testing
- Veterinary

• OB/GYN

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



#### Global Headquarters:

Edan Instruments, Inc. | 15 Jinhui Road, Pingshan District, Shenzhen 518122 P.R. China | +86.755.26898326 | www.edan.com | info@edan.com

U.S. and Canada inquiries:

EDAN Diagnostics, Inc. | 9918 Via Pasar, San Diego, CA 92126

+1.858.750.3066 | www.edandiagnostics.com | edan-info@edandiagnostics.com

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i15
Blood Gas and Chemistry Analyzer









#### 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

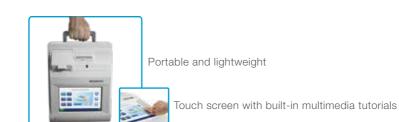
#### Accurate and Reliable

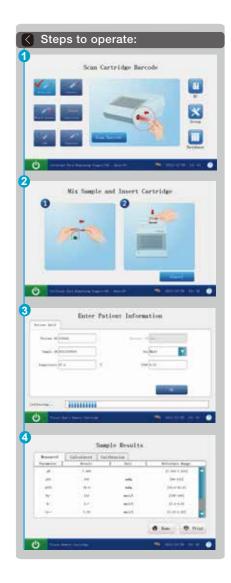
- · Innovative microchip liquid control technology and micro-sensor multifunction membrane technology
- High sensitivity and accuracyCalibrator, Control and Electronic simulator to TRIPLE guarantee the RESULTS!

- 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

i15 Video

|                       | рН | pCO <sub>2</sub> | pO <sub>2</sub> | Na | K | Cl | Ca | Hct | Glu | Lac |
|-----------------------|----|------------------|-----------------|----|---|----|----|-----|-----|-----|
| Microsample BG3/BG3   |    |                  |                 |    |   |    |    |     |     |     |
| Microsample BG8/BG8   | _  |                  |                 | _  |   |    | _  | _   |     |     |
| Microsample BG4/BG4   |    |                  |                 |    |   |    |    |     |     |     |
| Microsample BG9/BG9   |    |                  |                 |    |   |    |    |     |     |     |
| Microsample BG10/BG10 |    |                  |                 |    |   |    |    |     |     |     |
| Microsample BC4/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