



i15

Blood Gas and Chemistry Analyzer

The Indicator is a brand new POCT device, offering a new way of blood gas and chemistry analysis.

The Indicator is portable, easy to use and performs a flexible panel test from a single disposable cartridge. The features on the Indicator allows you to more quickly and effectively monitor and manage your patients.

Compact and light weight with built-in rechargeable battery

3-step operation procedure to increase efficiency

Complete maintenance free

Auto sample aspiration & calibration to ensure accuracy and reliability

Seamless integration with LIS/HIS through wired & wireless networking

10,000 patient data storage and USB data transfer

Friendly user interface w/ color LCD touch screen & traffic light indicator

Built-in multimedia tutorials

Flexible tests combination or single cartridge

Long cartridge storage life at room temperature

Ready to use at any time



i15 Cartridge

Refrigerated test cartridge
Long cartridge storage life



Portable, Lightweight

Capable to run 50 samples with fully-charged battery

Diagnose at the point of care, patient side, out in 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 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

Parameter	Reportable Range	Resolution	Measurement Method
pH (pH units)	6.5-8.20	0.001	Potentiometric sensor
pO ₂ (mmHg)	10-700	0.1	Amperometric sensor
pCO ₂ (mmHg)	10-150	0.1	Potentiometric sensor
Na(mmol/U)	100-180	0.1	Potentiometric sensor
K(mmol/U)	2.0-9.0	0.01	Potentiometric sensor
Ca (mmol/U)	0.25-2.5	0.01	Potentiometric sensor
Cl(mmol/U)	65-140	0.1	Potentiometric sensor
Glu (mg/dl or mmol/U)	20-700/11-38.9	1/0.0	Amperometric sensor
Lac (mg/dl or mmol/L)	0.3-20/2.7-180.2	0.01/0.1	Amperometric sensor
Hct (%PCV or Fraction)	10-75 0.10-0.75	1%/0.01	Conductance sensor