

Features

- ▶ Aspirate 1 sample and acquire 27 different results.
 - Blood gas** : pH, pCO₂, pO₂, Hct.
 - Electrolytes** : Na, K, iCa, Li, pH, Cl.
 - Metabolites** : GLU, LAC.
 - Calculated Parameters** : Hb, HCO₃, BE, BE-B, BE-ECF, TCO₂, AG, AG(K), O₂ Sat, O₂ Ct, SBC, nCa, TCa, pO₂%, A, AaDO₂, a/A.
- ▶ Levey-Jennings chart for NABL and seamless integration to LIS (Lab information system).
- ▶ Numeric & alpha numeric input option with 15 digit operator and patient ID.
- ▶ Self probe wiping facility with 3 different aspiration modes (sample tube, sample syringe & capillary).
- ▶ The result can be recalled by Date, Patient ID, Patient name, by parameters etc.
- ▶ External mouse & keypad interfacing option.
- ▶ 10 inch high definition LCD with capacitive touch screen.
- ▶ Single Reagent pack for all 16 combinations.
- ▶ Integrated Parameter conversion functionality.
- ▶ Single touch calibration for new reagent pack.
- ▶ Maximum 10,000 sample storage capacity.
- ▶ Optional battery backup & much more.
- ▶ Internal barcode scanner.
- ▶ Excellent precision and reliability.
- ▶ Two USB output ports. (USB 2.0)
- ▶ Extremely low cost per test.
- ▶ Multilingual support.



Specifications

Principle	: Direct measurement with ion selective electrode (ISE), Impedance (Hct) and Amperometry (pO ₂ , GLU, LAC).
Reading time	: 90 seconds.
Parameters	: This functionality allows the change of analytes.
Sample Type	: Whole blood, serum, plasma, CSF and diluted urine.
Conditioning	: Temperature: 10°C - 30°C, <85% moisture.
Display	: 10 inch high definition LCD with capacitive touch.
Print	: 2 inch 24 column thermal printer.
Input voltage	: 100/115-V AC, 50-60 Hz (or) 220V AC, 50-60 Hz, 0.75 amp.
Dimensions	: 12.8" W x 17.3" H x 10.6" D, Weight: 7.55 kg.
OS	: Android. (WiFi enabled application up-gradable)
Speed	: 54 samples / hour.
Sample volume	: 180µL.
Battery	: Optional support for 4 hours.
Storage	: 10,000

Internal Barcode Scanner



External Interfacing



Mouse



Keyboard

Analyzer's Advantages



Minimal Maintenance



Economical



Easy to Operate



Accurate Results