

BLOOD GAS ANALYSER

TECHNICAL SPECIFICATION

Fully automatic, upgradeable, fast electrolyte combo analyzer.

Essential Measured parameters; pH, pCO₂, pO₂, SaO₂, tHb, Barometric Pressure, Na⁺, K⁺, Ca⁺⁺, Cl⁻, B1 urea and Sr Creatinine. All these parameters should be measured simultaneously

Calculated parameters should include BE, BE ecf, HCO₃ etc

Sample volume-less than 100ul and sample port should accept conventional disposable syringes.

Fast analysis time – less than 60 sec.

Maintenance free electrodes with individual electrodes ON/OFF facility.

Fully automatic liquid calibration of all parameters at user-defined intervals without the use of Gas calibrated reagents, external gases, tanks or regulators.

Continuous reagent level monitoring with graphic display.

Data display on well-illuminated, adequate size LCD color touch screen display.

Data print out on built in graphic printer.

Built in auto Quality control facility with auto cleaning facility.

Suitable UPS with 30 min backup or built in battery backup for 30 minutes

Should have economy mode to minimize loss of reagent due to repeated auto wash cycle.

Warrenty period should be 24 months from date of installation.

On site repair maintenance if required should be available.


*Erection & commissioning required at site by vendor
E & c charges are 5% of material cost*

AK
23/10/12
(Dr A K Gupta)

Sr Specialist(Anesthesia)

PREQUALIFYING PERQUISITES

- Vender should submit authorization from the equipment manufacturer.
- Vender shall provide the name, address and contact details of the customers to whom offered item / similar items has been supplied in the past.
- Vender should furnish satisfactory performance certificate from one customer where same model has been installed and has been working satisfactory for last one year from the date of opening of tender.


(Dr. A.K. Gupta)
Sr. Specialist (Anaes)