

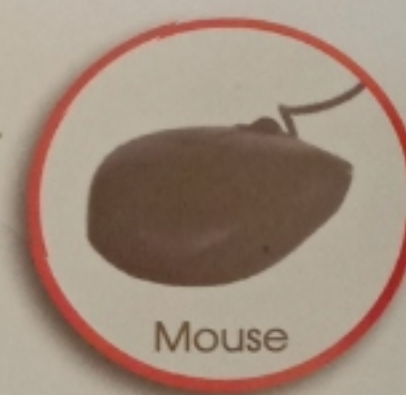


NULYTE^PICT

Arterial Blood Gas Analyzer

Features

- Aspirate 1 sample and acquire 20 different results.
Blood gas : pH, pCO₂, pO₂, Hct.
Electrolytes : Na, K, iCa, Li, pH, Cl.
Calculated Parameters : Hb, HCO₃, BE, BE-B, BE-ECF, TCO₂, AG, AG(K), O₂ Sat, O₂ Ct, SBC.
- Multilingual support.
- Levey-Jennings chart for NABL and seamless integration to LIS (Lab information system).
- 7 inch high definition LCD with capacitive touch display.
- Excellent precision and reliability.
- Integrated Parameter conversion functionality.
- One single Reagent Pack with all 14 combinations.
- Numeric & alpha numeric input option with 15 digit operator & patient ID.
- External barcode scanner, mouse & keypad interfacing option.
- Single touch calibration for new reagent pack.
- Self probe wiping facility with 3 different aspiration modes (sample tube, sample syringe & capillary).
- Maximum 2,00,000+ sample storage capacity.
- The result can be recalled by Date, Patient ID, Patient name, by parameters etc.
- Extremely low cost per test.
- Two USB output ports. (USB 2.0)
- Optional battery backup & much more.



Parameter	Measuring Range Blood	Reproducibility (CV%)	Measuring Range Urine	Reproducibility (CV%)
Na+	20.0 - 250.0 mmol/L	< 1.0%	25.0-1000.0 mmol/L	< 5.0%
K+	0.20 - 40.0 mmol/L	< 2.0%	1.0-500.0 mmol/L	< 5.0%
Cl	25.0 - 200.0 mmol/L	< 1.0%	25.0-500.0 mmol/L	< 5.0%
iCa++	1.0 - 20.0 mg/dL	< 2.0%	***	***
Li	0.2-5 mmol/L	<2.0%	***	***
pH	6-8	± 0.03	***	***
pO ₂	10-750 mmHg	< 3.0%	***	***
pCO ₂	5-120 mmHg	< 3.0%	***	***
TCO ₂	5-50 mmol/L	< 3.0%	***	***
Hb	10-70 %	< 3.0%	***	***
HCO ₃	5-50 mmol/L	< 3.0%	***	***

NULYTE_{POINT}

Arterial Blood Gas Analyzer

(BGA PLUS ELECTROLYTES)

Specifications

1. Principle : Direct measurement with ion selective electrode (ISE), Impedence (Hct) and Amperometry (pO₂)
2. Parameters : This functionality allows the change of analytes.
3. Sample Type : Whole blood, serum, plasma, CSF and diluted urine.
4. Sample volume : 140µL.
5. Reading time : 65 seconds.
6. Speed : 55 samples / hour.
7. Storage : 2,00,000+
8. Conditioning : Temperature : 5°C - 35°C, <85% moisture.
9. Display : 7 inch high definition LCD with capacitive touch.
10. Print : 2 inch 24 column thermal printer.
11. Input voltage : 100/115-V AC, 50-60 Hz or 220V AC, 50/60 Hz, 0.75 amp.
12. Dimensions : 15" W x 12" H x 7.0" D, Weight: 8 kg.
13. Battery : Optional support for 10 hours.
14. OS : Android. (WiFi enabled application up-gradable)

ABGE	ABG	ELECTROLYTE											
BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD	BD
pO ₂ Hct	pO ₂ Hct	B	B	B	B	B	B	B	B	B	B	B	B
K	B	K	K	K	K	K	K	K	K	K	K	K	K
Na	B	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na	Na
iCa	B	B	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa	iCa	B	B
pH	pH	pH	pH	Li	Li	pH	Li	pH	Li	B	B	B	B
pCO ₂	pCO ₂	HCO ₃	HCO ₃	pH	B	B	pH	B	B	B	B	B	B
Cl	Cl	Cl	Cl	Cl	Cl	Cl	B	B	B	Cl	B	Cl	B
①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭

Parameter Combinations



Nirmal Medical Systems is "Service Oriented" Company engaged in Sales and Service of Electrolyte And blood gas Analyzers since 2002 PAN in India by its Strong Network of Distributors. In North India, Nirmal is directly associated with its Esteemed Customers and providing its Most Efficient Services.

In 2013, Nirmal Medical System has introduced **India's first Electrolyte Analyzer, NuLYTE SMART** indigenously designed, developed and manufactured with best combination of parameters and keeping in mind the need / requirement of Customers by using experience and knowledge of more than 20 years.

Nirmal Medical is focused on delivering products that provide the highest value to Clinicians through innovation, reliability and customer service. The company is committed to develop new products and technologies that bring actionable information to laboratories and clinicians in a cost-effective manner, improving patient care and contributing cost containment. In recent developement, We have developed "Blood Gas Analyzer" model **NuLYTE POCT**. There are less than 10 official manufacturer ABGE (Arterial Blood Gas Electrolyte Analyzer) and success of ABGE will put Nirmal Medical in the niche club dominated by American and European Bellwether companies like Abbott, J & J Roche, Radiometer, Alere, Nova Biomedical and Instrumentation Laboratories.

We have more than 700 installations of **NuLYTE SMART** all over India, which are being taken care by over Strong Distribution Network. We are committed to provide excellent products with "MAKE IN INDIA" dream at most cost-effective and matchless performance.

HIGHLIGHTS

- ★ *100% Self Designed and Developed Electrolyte and Blood Gas Analyzers.*
- ★ *Consumable for Roche 9180, Medica Easylyte/ILyte Electrolyte Analyzers.*
- ★ *Reagents / Electrodes for Other Electrolyte Analyzers.*
- ★ *Service Provider for Almost all Brands of Electrolyte Analyzers through Experienced Nirmal Technical Team since 2002.*

Marketed By :



Nirmal Medical Systems

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