



 **Analytical**<sup>®</sup>  
Bio-Med



**NOVA<sup>™</sup>lyte 2200**  
Fully Automated Electrolyte Analyzer

## Specifications

- Technology: ISE ( Ion Selectivity Electrode)  
Measurement of Tco2 by pressure method
- Sample: Serum/Plasma/Whole Blood/Urine/CSF
- Sample Volume: 80-150ul
- Reagent Volume: 1ml
- Throughput: 60 samples/hour
- Printer: Inner Thermal Printer
- Display: Large LCD
- Storage: up to 1000 tests
- Interface: RS-232
- Working Conditions:
  - Temperature: 15-30°C
  - Humidity: 20%–80%
- Power Requirement: 220AV± 10%, 50/60 Hz, 80W

# NOVA<sup>TM</sup>lyte 2200

## Fully Automated Electrolyte Analyzer

### Model

### Parameter

Novalyte2200A	K <sup>+</sup> , Na <sup>+</sup>
Novalyte2200B	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup>
Novalyte2200C	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>2+</sup> , PH, TCa
Novalyte2200D	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>2+</sup> , Tca
Novalyte2200E	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , Li <sup>+</sup>
Novalyte2200F	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , Ca <sup>2+</sup> , PH, TCO <sub>2</sub> , TCa, AG, KT
Novalyte2200G	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , HCO <sub>3</sub> <sup>-</sup> , AG

## Consumption

### 1) Electrode

ISE electrode used for NovaLyte2200 series Electrolyte Analyzer Parameters: K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>++</sup>, Li<sup>+</sup>, PH, Ref

### 2) Reagent

Standard Reagent A&B	410/90 ml	Tco2 standard solution	80ml
Standard Reagent C	410ml	Electrode filler	10ml
Q.C Solution	80ml	Ref. electrode filler	10ml
Cleaning solution	80ml		



## Measure Precision

Item	Linearity (mmol/L)	Slope	Lifespan
K <sup>+</sup>	0.01-99.00	58.0	12 months
Na <sup>+</sup>	1.0-999.0	58.0	8 months
Cl <sup>-</sup>	1.0-999.0	56.0	8 months
Ca <sup>++</sup>	0.01-9.9	28.0	8 months
Li <sup>+</sup>	0.01-9.9	56.0	8 months
PH	3.50-10.80	58.0	12 months
Ref	/	/	36 months

## ►► About Analytical Technologies

Analytical Technologies is the Fastest Growing Global Brand having presence in at least 96 countries across the globe. Analytical Technologies Limited is an ISO : 9001 Certified Company engaged in Designing, Manufacturing, Marketing & Providing Services for the Analytical, Chromatography, Spectroscopy, Bio Technology, Bio Medical, Clinical Diagnostics, Material Science & General Laboratory Instrumentation. Analytical Technologies, India has across the Country operations with at least 4 Regional Offices, 6 Branch Offices & Service Centers.

## ►► Our Products And Technologies



BioLC™



NOVA 2020 Plus  
Automatic Bio-Chemistry  
Analyzer



NOVA 2300  
Automated Bio-Chemistry  
Analyzer



HEMA 2062 Plus  
Fully-automatic  
Hematology Analyzer



URINOVA 2800  
Urine Analyzer



Fully Automated  
CLIA



Micro Plate  
Reader / Washer



MRI CT Scanner



NOVA Basic Semi - Auto  
Chemistry Analyzer



Kidney Stone  
Analyzer



Amino Acid  
Analyzer



PCR/Gradient PCR/RT PCR



5 part  
Hematology Analyzer



Blood Gas Analyzer



Portable POC  
Blood gas Analyzer



Random access analyzer  
for immunoassay,  
proteins & clinical chemistry



Revolutionary automation  
in neonatal screening



SPECTRO 2092



Semen Analyzer



Water Purification  
System



Bio Chemistry  
Reagents



Urine Strips



Rapid Diagnostic kits



Hematology  
Reagents



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