

# NOVA BA-3200

Fully Automatic Biochemistry Analyzer



EPCC / PRODUCTS / APPLICATION / SOFTWARE / ACCESSORIES / CONSUMABLES / SERVICES

**Analytical Technologies Limited**

An ISO 9001 Certified Company

[www.analyticalgroup.net](http://www.analyticalgroup.net)

## ►► Features:

- Automatic, Random Access
- Constant speed 200 tests per hour
- Reagent pre-heating, liquid level detection
- Automatic 8 steps washing system, low carry-over
- 24 hours non-stop reagent cooling compartment
- Built-in barcode reader(optional)
- Clot detection function(optional)
- Reagent open system, close system on request
- User-friendly software based on windows operation system
- Labor saving, simple programming and real walk-away operation

## ►► Technical Specifications:

### System Function

- Throughput: Constant speed 200 tests/hour
- Contents of the testing: Clinical chemistry, Immunturbidimetric
- Analytical modes: End-point, Two-point, Kinetic
- Programming: Open system with user defined programs
- Automatic, Random Access
- STAT sample priority
- Bi-direction LIS interface



Status Menu

### Sample Tray

- Sample positions: 40 positions for samples
- Sample volume: 3~45μL, 0.1μL adjustable
- Random position for standard and quality control
- Built-in sample barcode reader(optional)



QC Graph

### Reagent Tray

- Reagent positions: 40 positions in refrigerated compartment
- Refrigerated temperature: 4~15°C
- Reagent volume:
  - RI: 120~450μL, 0.5μL adjustable
  - R2: 10~250μL, 0.5μL adjustable
- Built-in reagent barcode reader(optional)



Clot detection  
Function



Reusable  
Cuvettes

### Probe

- Pre-heating for reagent
- Collision protection, Liquid level detection and Inventory checking
- Automatic inner and outer probe washing after every cycle, carry-over<0.1%
- Clot detection function(optional)

### Measuring and Optic System

- Lamp: Halogen lamp
- Absorbance range: 0~4.000Abs
- Wavelengths: 8 wavelengths from 320nm to 850nm including 340nm, 405nm, 450nm, 510nm, 546nm, 578nm, 630nm, 670nm
- Resolution: 0.0001Abs

### Working Condition

- Power supply: AC110V/220V, 50Hz/60Hz
- Temperature: 0~40°C
- Humidity: ≤80%
- Water consumption: ≤6.7L/h
- Dimensions: 800mm(L)x650mm(W)x590mm(H)
- Gross weight: 142kg



High precision  
probe



8 steps washing

## ►► Test Menu

Lipids	Hepatic	Cardiac	Cardiac	Renal	Diabetes
HDL-C	TBA	CK	a-AMY	Cr	GLU
LDL-C	ALT	Ck-MB	Na	Urea	HbA1c
TC	AST	q-HBDH	K	CYSC	
TG	ALP	LDH	Cl	MAU	
ApoE	GGT	ACE	Ca	AMG	
Lp(a)	TBIL	LDH1	P	BMG	
Hcy	DBIL		LIP		
ApoA1	TP		TP(Urine/CSF)		
ApoB	ALB		LAC		
	AMM		TCa		
	PA		ACP		
			G6PD		
			TF		
			CRP		

### Anemia

UIBC  
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## Regulatory compliances



## Corporate Social Responsibility

Analytical Foundation is a nonprofit organization (NGO) found for the purpose of:



**Analytical**  
**Foundation**

1. Research & Innovation Scientist's awards/QC Professional Award : Quality life is possible by innovation only and the innovation is possible by research only, hence ANALYTICAL FOUNDATION is committed to identify such personalities for their contributions across various field of Science and Technology and awarding them yearly. To participate for award, send us your details of research / testing / publication at [Info@analyticalfoundation.org](mailto:Info@analyticalfoundation.org)

2. Improving quality of life by offering YOGA Training courses, Work shops/Seminars etc.

3. ANALYTICAL FOUNDATION aims to DETOXYFY human minds,souls and body by means of yoga, Meditation, Ayurveda, Health Care, Awards, Media, Events, Camps etc.

## Reach us @



 **Analytical**®  
Technologies Limited

HPLC Solutions   MultipleLabs   Analytical Bio-Med   Analytical Distributors   Analytical Foundation (Trust)

**Corporate & Regd. Office:**  
Analytical House, # E67 & E68,  
Ravi Park, Vasna Road, Baroda,  
Gujarat 390 015. INDIA

T: +91 265 2253620  
+91 265 2252839  
+91 265 2252370  
F: +91 265 2254395

E: [info@hplctechnologies.com](mailto:info@hplctechnologies.com)  
[info@multiplelabs.com](mailto:info@multiplelabs.com)  
[info@analyticalgroup.net](mailto:info@analyticalgroup.net)  
[info@analyticalbiomed.com](mailto:info@analyticalbiomed.com)

W. [www.analyticalgroup.net](http://www.analyticalgroup.net)  
[www.hplctechnologies.com](http://www.hplctechnologies.com)  
[www.multiplelabs.com](http://www.multiplelabs.com)  
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