

NOVA - 3240

Fully Automatic Bio-Chemistry Analyzer



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

Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Advantage of NOVA-3240

- Random Access, continuous loading, fully open system and bench top model
- Incorporated with Liquid level sensor, volume tracking, solid crash protection and clog detection
- 24 hours Refrigeration system with separate switch for refrigeration
- Unlimited STAT position
- Total adaptation to any routine
- Diffraction grating filters with minimum 16 standard filters in the range 340-800nm
- On board laundry with automatic reaction cuvette quality check before re-use
- Real time monitoring of reagent levels and with alarm insufficient
- Calibration options with Linear, Factor, 2 point, point to point, Log-logit, Spline and exponential.
- In-built barcode reader for sample and reagents.

►► Specifications:

Equipment type	Automatic discrete, Unlimited STAT priority
Expected throughput	up to 240 tests/hour
ISE	Optional
Measuring principle	endpoint, rate, fixed-time, colorimetry, turbidmetry, ISE technology
Calibration method	1-point linear method, 2 point linear method, multipoint linear method, non-linear method
Sample handling	45 sample positions, continuous loading
Reagent handling	45 reagent positions, continuous loading, 24 hours refrigeration function with separate switch for refrigeration
Reaction cuvette	80, optical diameter is 6mm
Reaction temperature	37±0.1°C
Light source	20W/12V1 halogen lamp
Wavelength	340nm, 380nm, 405nm, 480nm, 505nm, 546nm, 560nm, 600nm, 630nm, 660nm, 700nm, 720nm, 750nm, 780nm, 800nm
Dispensing system	Sample and reagent probes with liquid level detection, liquid surface verification and clot detection
Mixing system	1 independent paddle stirrers
Washing station	Auto-wash of reaction cup, reagent needles, sample needle, stirrer
Dilution	Auto-dilution, retest
Power supply	AC100-240VA 50-60Hz

►► TEST MENU :

Lipids	Hepatic	Cardiac	General Chemistry	Renal	Diabetes	Anemia
HDL-C	TBA	CK	α-AMY	Cr	GLU	UIBC
LDL-C	ALT	CK-MB	Na	Urea	HbA1c	Fe
TC	AST	α-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			

Regulatory compliances



Corporate Social Responsibility

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



Analytical
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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

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 @



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