

# **Hba1c - 3500**

## **Automated HbA1c Analyzer**



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

**Analytical Technologies Limited**

An ISO 9001 Certified Company

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

Based on the data from IDF (International Diabetes Federation), 382 million people have diabetes in 2013: by 2035, this will rise to 592 millions. The number of people with type 2 diabetes is increasing in every country. Hba1c is the most effective index to indicate how well patients are controlling their diabetes.

Simultaneously, the Hba1c can also be used for diabetes screening. Under this case, we present you Hba1c-3500 Automated HbA1c Analyzer, an Hba1c exquisite yet ease-to-use instrument, which will significantly improve your testing efficiency.

## » Hba1c-3500 Automated HbA1c Analyzer

- Fully-automated analyzer with inbuilt barcode reader
- No sample pre-treatment needed
- HPLC (Ion Exchange Chromatography method)
- Two sampling modes: whole blood and prediluted mode
- Cap piercing sampling reduce the risk of biohazard



### Step 1. Sample Loading:

Put the racks in and  
Press "Run" button.



### Step 2. Sample Handling:

Reader automatically  
identifies sample tubes,  
robot arm mixes blood  
sample throughly



### Step 3. Report:

HbA1c results are  
reported in both units  
NGSP and IFCC.



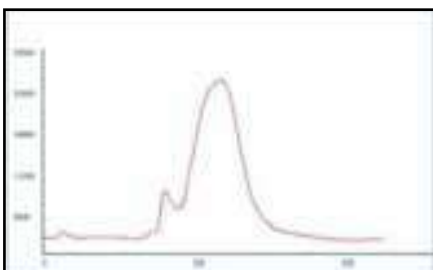
### » True Precision

- HPLC (Ion Exchange Chromatography method)
- Sample pre-heating eliminates the interference of unstable hemoglobin
- Robot arm mixes every blood sample thoroughly



### » Real Walkaway System

- Fully automated system minimizes manual operating
- Continuous sample loading and processing brings maximum convenience
- Intelligent daily maintenance keeps the analyzer in best condition



### » User Friendly Interface

- Color touch screen operation
- One touch to do all tests

### » Zero Maintenance

- Smart error diagnosis
- Intelligent malfunction location



Original reagents, QC, Calibrators,  
Micro-Column and Pump Tube Cassette

Analyzer



Consumable & Reagents



Controls & Calibrators



## » SPECIFICATIONS

Parameter: HbA1c (NGSP & IFCC), HbA1, HbA1ab, HbA0, eAG,  
Principle: High performance liquid chromatography (Ion exchange)  
Sample: Whole blood or Pre-diluted blood  
Sample volume: Whole blood: 10 uL  
Prediluted blood: 20 uL  
Test time/test: < 5 minutes  
Precision: CV < 3%  
Measuring range: 3-18%

## » Sample loader

Autoloader capacity: 40 samples with continuous loading  
Sample holding: 10 samples/rack  
Sample Mixing: Inbuilt sample mixture  
Sample tubes: 12-15 mm x 75-100 mm primary tubes  
Barcode reader: Inbuilt

## » Main unit

Sampling: Cap-piercing of primary sample tubes  
Sample Pre-treatment: Not required  
Columns: Pre Column & Column  
Detector unit: LED colorimetric detector  
Wavelength: 415nm

## » System control/Data processing

Display : "7" colour touch screen display  
Print: Thermal printer (roll paper), or LIS  
Interface: RS-232, USB  
o Operating temperature: 15 - 30 C  
Power requirement: AC 110/220 V, 50/60 Hz  
Dimensions/Weight :  
W 610 mm x L 435 mm x H 420 mm  
Approximately 24.0 kg

## HPLC Servicing, Validation, Trainings and Preventive Maintenance :

**HPLC Servicing** :HPLC Servicing : We have team of service engineers who can attend to any make of HPLC promptly @the most affordable cost.

**Trainings** :We also take up preventive Maintenance to reduce downtime of HPLC's Trainings.

**AMC's/CMC** :AMC's/CMC :We offer user training both in-House and at customer sites on HPLC principles, operations, trouble-shooting.

**Validations** :Validations :We have protocols for carrying out periodic Validations as per GLP/GMP/USFDA norms.

**Instruments** :Instruments :We offer instruments/Renting Services Modules like pumps,detector etc. on Rent.



## About Analytical Technologies

Analytical Technologies is synonymous for offering technologies for doing analysis and is the Fastest Growing Global Brand having presence in at least 96 countries across the global. 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. Distributors & Channel partners worldwide.

## Our Products & Technologies



UV/VIS  
Spectro 2080+  
Double Beam



Infra FTIR



Optima Gas  
Chromatograph  
3007



Optima Gas  
Chromatograph  
2979 Plus



Flash  
Chromatograph



Atomic Absorption  
Spectrophotometer



Liquid Particle  
Counter



Optical Emission  
Spectrophotometer



DSC/TGA



Semi Auto Bio  
Chemistry Analyzer



HEMA 2062  
Hematology  
Analyzer



Micro Plate  
Reader/Washer



URINOVA 2800  
Urine Analyzer



Total Organic  
Carbon 3800



Fully Automated  
CLIA



NOVA-2100  
Chemistry Analyzer



PCR/Gradient PCR/  
RTPCR



TOC  
Analyzer



Laser Particle  
Size Analyzer



Ion Chromatograph



Water purification  
system

## 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 @



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