

**Multiplelabs**  
Turnkey Laboratories Solutions

# Hba 1c-9500

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## Automated HbA1c Analyzer



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-9500 Automated HbA1c Analyzer, an Hba1c exquisite yet ease-to-use instrument, which will significantly improve your testing efficiency.

## » Hba1c-9500 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

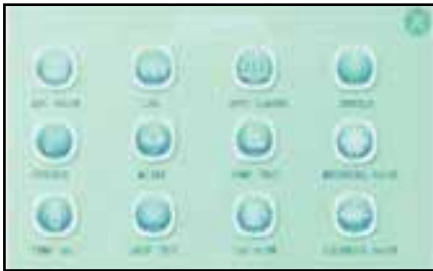
### Step 3. Report:

HbA1c results are  
reported in both units  
NGSP and IFCC.



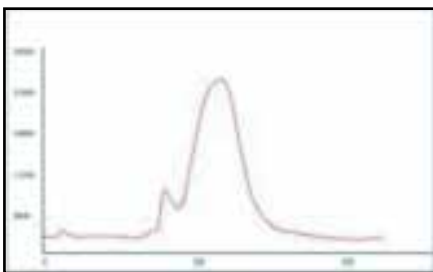
### » True Precision

- 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