

# GH-900 HbA1c Analyzer

## Technical Specifications

Methology	Low-Pressure Liquid Chromatography (LPLC)
Test Item	HbA1c
Measuring Range	3% - 18%
Precision	Repeatability CV $\leq$ 3%, Stability CV $\leq$ 5%
Test Speed	6 Mins for First Sample Result 5 Mins/sample
Sample Type	Venous Blood, Finger Peripheral Blood, Lyophilized Whole Blood
Sample Volume	10 $\mu$ l
Auto Sample Loader	28 Positions (19 Venous Blood Positions, 4 Peripheral Blood Positions, 2 Calibrator Positions, 2QC Positions and 1 Standby Position)
Add Hemolysin	Automatic
Sample Pretreatment	Automatic
Photometer	415nm
Display	8"TFT True Color LCD Touch Screen
Reagent Kit	400T, 200T
Information Input	Scanner or Touch Keypad
Storage	4,000 Sample Results
Connection	RS232 Compatible with HIS/LIS System
Operation Condition	Temperature 12~35°C (53~95°F) Humidity 10 ~ 70%
Power	AC 100-240V 50/60HZ 150VA
Dimensions	438mm*335mm*312mm(17.2"H*13.2"W*12.3"D)
Weight	18kg (39.7 lbs)

# GH-900 HbA1c Analyzer

## Convenient

- 5 Minutes to Get Result
- Barcode Scanner to Load Specimen
- Automatically Add Hemolysin and Incubate Sample

## Reliable

- Dual-peristaltic Pumps to Eliminate Bubbles
- Unique Measuring Method and Result Algorithm



**Fully Automated  
Whole Blood Test**

**Lifotronic Technology Co., Ltd.**

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A Better Way For Health and Beauty





# GH-900 HbA1c Analyzer

## One Step Operation

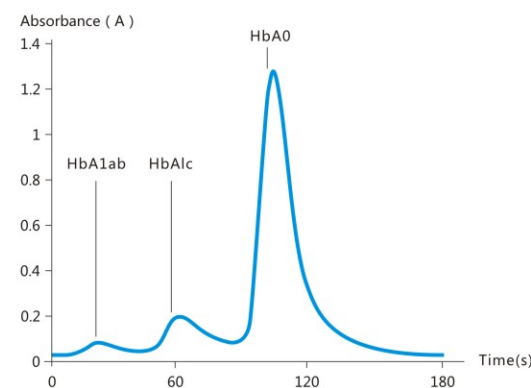
### Gold Standard of Diabetes Diagnose

Glycosylated hemoglobin (HbA1c) is widely recognized as a Gold Standard to monitor diabetes, which can indicate the average plasma glucose concentration over 8~12 weeks.

GH-900 HbA1c Analyzer adopts 3-step chromatographic method, with patented result algorithm, to provide accurate result for clinical diagnose and treatment.

### Methodology

Low-Pressure Liquid Chromatography (LPLC), to separate HbA1c directly. Measure the absorbance points to form chromatogram, and get precise HbA1c testing result, which also includes IFCC, NGSP and ADAG value.



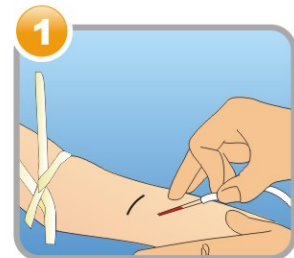
### Outstanding Performance

- 1 Automatic Working, High Speed**
  - > Auto sample incubation technology, it takes only 4 minutes.
- 2 Innovative Measuring Technology**
  - > Precise nanomaterial sample probe, 10±1ul, no residue
  - > High sensitivity integrated photometer
  - > Patented dual-peristaltic-pump, to eliminate bubbles
  - > Delicateliquid linecleaning system, to avoid crosscontamination
- 3 User-Friendly Design, Easy to Use**
  - > 8" TFT LCD Touch Screen, optimized operation system
  - > 28-position sample loader with STAT option
  - > Barcode scanner/touch keyboard for convenient information input.
- 4 Cost-effective**
  - > 3 steps chromatographic method consumes less reagent and generate faster speed.
  - > Patented chromatographic column manufacturing technology enables longer lifespan and better cost-effective.

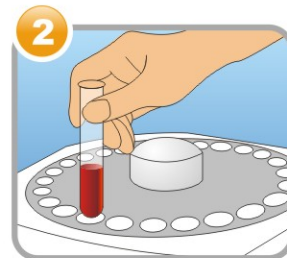


### One Step Operation

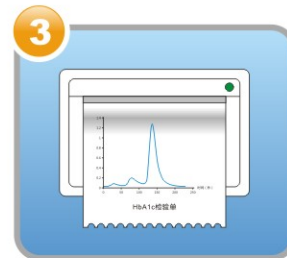
No pretreatment, hemolysin added and result printed automatically



Take Blood Sample



Place on Sample Disc



Test and Print out the Results

