



Automatic Glycated Hemoglobin HbA1c Analyzer

Type: ImmA-6600



- Accurate Principle of Methodology
- Accurate separation 4-gradient elution
- High Separation Liquid Chromatographic Column
- High Sensitivity 415nm LED Integral Photometer
- Supply with Original Calibrator
- Precision Chromatographic Column and Thermostatic Apparatus
- Real-time summarized chromatogram, Intelligence process detection
- Full-auto 25-position Sample Turntable, Optional Selection of Batch Test or Emergency Test
- Full-open Structure, perfect flow path, low failure and easy maintenance
- 5 μ l whole blood, three-step test, for both labs and clinics
- With gas solution and bubble-removal technology, the error can be eliminated overall.
- Saccharification concentration, area percentage and average glucose can be synchronously reported.

SPECIFICATIONS

Basic Parameters

Testing Method	Chromatography/ion exchange liquid chromatography
Testing Item	Glycated hemoglobin HbA1c
Testing Scope	3% ~ 18%
Testing Parameters	Precision (CV) ≤3%, Accuracy (V) ≤1.50%
Testing Time	4 minutes (including reporting)
Sample type	Venous blood (EDTA anticoagulation),Peripheral finger blood
Sample volume	5μl whole blood for each sample

Functional Parameters

Photometer	415nm LED Integral flow colorimeter
Sampling mode	Full-auto 25-position sample turntable (20 sample positions, 2 quality control positions, 1 emergency position, 1 cleaning position, 1 zero position)
Testing mode	Auto test for batch, single test for emergency
Calibration	Optional selection of 2 points or 4 points calibration, optional selection of manual or automation, Equipped with 1set of weight high and low level calibrators
Thermostatic control	Column and reagent thermostatic control: 25 ± 0.5°C
Reagent matching	One piece of column and reagent consumable/300 pieces of testing samples
Reagent allocation	Each standard package includes A, B, C, D eluent, calibrator, hemolytic agent, pump tubing

Output Parameters

Display	320x240 LCD Graphic Display, displaying real-time testing curve
Printer	58mm Thermal printer, printing testing curve and report
Report Output	IFCC concentration value, NGSP area percentage, ADAG average glucose
Data storage	1000 test report (including testing curve)
Communication interface	RS232 communication interface, connecting to HIS/LIS system

Working Parameters

Power Supply	AC220V/110V±22V 50/60Hz 215VA
Size	408mm×390mm×230mm
Weight	9Kg
Working Environment	Temperature 12 -30°C,Relative humidity ≤85%