



TECHNICAL DATA SHEET

Fully Auto Glycated Hemoglobin Analyzer YSTE760

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Easy Operation

- I High-definition color touch screen, touch-tone menu, operation freely
- I Put 20ul whole blood into sample cup, press "START: to test directly
- I 3.5 minutes per sample
- I 15 sample positions, CAL1, CAL2, QC, ST

Data Management

- I USB Port: Connect with LIS system to manage and analyses the results, support remote online upgrade
- I TF card storage, copy the data into the computer freely, print consolidated report, make sure that the user enjoy the best service.
- I PS-2 port, external barcode scanner

Simple Maintenance

- I Fully modular design, all components are installed in 7 modules. If fault occurs, can find the damaged parts quickly and accurately, solve problems with fastest response.
- I Use constant peristaltic pump for reagent pump, high precision for flow liquid, small pulse, long life, pump tube replaced every six months only.
- I Reliable temperature control system, ensure the separation system not effected by the outside temperature, and also can eliminate the unstable substances of samples effectively, so that the heating and separate detection can be done simultaneously
- I Reliable sample positioning detector can ensure the consistency of injection volume, Dual-level liquid sensor can prevent false alarms during the operation, but also detect the lack of reagent volume timely.

QC/Calibration

- I Automatic calibration may correspond to IFCC and NGSP, standard, get reliable result.
- I Real-time quality control, display the QC statistics and charts, easier monitoring equipment performance.

Precision

Within-Run(n=20)

Inter-Run(n=20)

Low

High

Low

High

Mean

5.56

10.24

5.64

10.18

SD

0.08

0.09

0.12

0.15

CV(%)

1.43

0.87

2.13

1.47

Comparative Test

Specification

Instrument Fully-Auto Glycated Hemoglobin HbA1c Analyzer

Model YSTE760

Test Method Low pressure ion exchange liquid chromatography (LPLC)

Test Item HbA1ab HbA1c

Sample Type Whole blood, hemolysis blood

Sample Volume Whole blood 20ul, hemolysis blood 800ul

Photometer 415nm LED Integral flow colorimeter

Analysis Time 3.5mins

Precision $CV \leq 3.0\%$

Display 320×240 LC Graphic display, displaying real-time testing curve

Printer 57nm Thermal printer, printing test curve and report

Panel 0-9, YES, NO, START, STOP, ST, PRINT

Data Storage 2G TF Card, more than 100,000 test reports storage (including Curve)

USB Port Support remote upgrading, LIS interface

PS-2 port External Barcode Scanner

Power Supply 220V±22V, 50Hz±1Hz

Working Environment Temperature 10°C~30°C, Relative humidity 30%~75%

Size 550mm×405mm×347mm

Weight 15Kg

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Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.