



# ES-HGB-600

FULLY AUTOMATIC GLYCATED HEMOGLOBIN HbA1c ANALYZER

**Cod. ES-HGB-600**



**Best Monitor for Diabetes,  
HbA1c Analyzer**



## **Easy Operation**

High definition color touch screen, touch tone menu, operation freely.

4,5 minutes per sample.

1-15 samples, Cal 1, Cal 2, OC, ST.

put 5-20ul of blood into the sample cup, and press "START"

## **Expand Capacity**

Remote monitoring, online upgrade, interface to LIS system.

Independent TF card, user can copy the sample data to PC easily,  
and print comprehensive report for each patient.

## **Simple Maintenance**

Full Modular Design.

Automatic washing channel.

Chromatography column easy to change.





# ES-HGB-600

## TECHNICAL FEATURES

<b>Model :</b>	<b>ES-HGB-600</b>
<b>Testing Method :</b>	Low pressure iron exchange liquid chromatography
<b>Testing Item :</b>	Glacated hemoglobin HbA1c.
<b>Testing Time :</b>	3 minutes ( reporting ), full processing 4,5 minutes. ( including cleaning column and recovery time ).
<b>Testing Parameters :</b>	Precision (CV) ≤ 3%, Accuracy (V) ≤ 1,50%.
<b>Testing Scope :</b>	5 - 10ul.
<b>Photometer :</b>	415nm LED Integral flow colorimeter.
<b>Sampler :</b>	20 Sample position.
<b>Calibration :</b>	Optional selection of 2 points calibration, optional selection automation. Equipped with 2 groups of high and low level calibrators.
<b>Reagent Allocation :</b>	Each standard package includes A, B, C, D eluent, calibrator and hemolytic agent, pump tubing.
<b>Display :</b>	320 x 240 LC Graphic display, displaying real-time testing curve.
<b>Printer :</b>	58nm Thermal printer, printing testing curve and report.
<b>Panel :</b>	0-9, YES, NO, START, STOP, ST, PRINT.
<b>Data Storage :</b>	2G TF Card, 100,000 test reports ( including Curve ).
<b>USB port :</b>	Support remote upgrading, LIS interface.
<b>PS-2 port :</b>	External Barcode Scanner.
<b>Power Supply :</b>	AC220V ± 22V, 50Hz ± 1Hz
<b>Working Environment :</b>	Temperature 10 – 30°C, Relative humidity 30% ~75%
<b>Size :</b>	550 x 405 x 347 (mm)
<b>Weight :</b>	12 kg

## PERFORMANCE CHARACTERISTICS:

Sample	Within – Run ( n = 20 )		Inter - Run ( n = 20 )	
	Low	High	Low	High
Mean (%)	5.58	10.24	5.84	10.18
SD	0.08	0.09	0.12	0.15
CV	1.43	0.87	2.13	1.47



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