



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.

Easy to change the chromatography column.





ES-HGB-600

TECHNICAL FEATURES

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



ESSE3 srl, Via Garibaldi 30
14022 Castelnuovo D.B. (AT)
Tel +39 011 99 27 706
Fax +39 011 99 27 506
e-mail esse3@chierinet.it
web: www.esse3-medical.com

