**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.
TECHNICAL FEATURES

Model: **ES-HGB-600**

Testing Method: Low pressure iron exchange liquid chromatography

Testing Item: Glaycated 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:

<table>
<thead>
<tr>
<th></th>
<th>Within – Run (n = 20)</th>
<th>Inter - Run (n = 20)</th>
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</thead>
<tbody>
<tr>
<td>Sample</td>
<td>Low</td>
<td>High</td>
</tr>
<tr>
<td>Mean (%)</td>
<td>5.58</td>
<td>10.24</td>
</tr>
<tr>
<td>SD</td>
<td>0.08</td>
<td>0.09</td>
</tr>
<tr>
<td>CV</td>
<td>1.43</td>
<td>0.87</td>
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