



HPLC

Labtest
A VIRTUE COMPANY

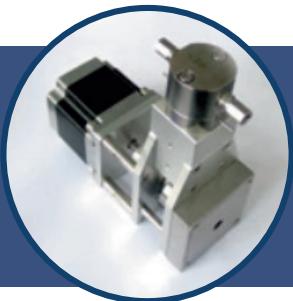


VERCENTRA HB-100

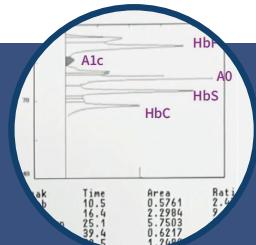
**Glycated Hemoglobin Analyzer using HPLC
(High Performance Liquid Chromatography)
principle at speed of up to 50 tests/hour.**



Agility and convenience. Automated analyzer capable of processing up to 50 tests per hour and accommodating 100 tubes in the automated sample loading module (10 racks). It features a STAT position for the immediate insertion of high-priority samples at any time.



Quality and high precision. The analyzer is equipped with a 24-bit detector for increased accuracy, resulting in better resolution and quality results. It comes with freeze-dried calibrators associated with the IFCC-RMP and quality controls at two levels, enabling data evaluation using Levey-Jennings graphs.



Efficiency and stability. The capability to differentiate between different types of hemoglobin like HbF and L-A1c enhances the accuracy of glycated hemoglobin tests by minimizing interference and refining measurement precision. Additionally, it offers fast sample analysis and robust anti-interference characteristics.



VERCENTRA

HB-100

Model Specifications

Rated Speed	<ul style="list-style-type: none">Normal mode: 50 test/hour (< 72 S/Test)Varying Mode: 32 tests/hour (< 110 S/Test)
Reagents	<ul style="list-style-type: none">Set of reagents available for 3000 tests or 6000 testsAutomated detection of on-board reagent inventory
Samples	<ul style="list-style-type: none">Barcode readerWhole blood100 positions (10 racks with 10 positions)Aspiration volume: 3 μL1 emergency positionAutomated dilution of whole blood samples
Methodology	HPLC (High Performance Liquid Chromatography)
Measurement Range (NGSP)	4.0 - 17%
Data Storage	100.000 results with chromatogram
Interface System	<ul style="list-style-type: none">RS-232RJ45
Work Environment	<ul style="list-style-type: none">10°C - 30°CHumidity: ≤ 70%Altitude: Self-adaptative
Quality Control	<ul style="list-style-type: none">2 control levels (Qualitrol Vercenra HbA1c)Possibility of setting intervals and averagesLevey-Jennings chart
Performance Indicators	<ul style="list-style-type: none">Repeatability: CV ≤ 2,0%Coefficient of correlation: 0.9900Carry-over : ≤ 2.0%
Results Output	<ul style="list-style-type: none">Internal thermal printerExternal printer (optional)LISUSB
Dimensions (HxWxL)	54 x 54 x 54 cm
Weight	40 kg

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