



PORTABLE GLYCATED HEMOGLOBIN ANALYZER
(HbA1c Analyzer)

LD-LPHA-A10

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LD-LPHA-A10 is a tabletop point-of-care analyzer for measuring glycated hemoglobin (HbA1c). It is a compact and lightweight instrument, even for small labs with limited space. It measures glycated hemoglobin (HbA1c) in human whole blood and is used to monitor metabolic control in patients with diabetes. The semi-automated analyzer has been designed specifically to meet the needs of diabetes clinics and laboratories in settings that demand low costs of operation and ease of use. Equipped with user-friendly features, it minimizes training time.

Features

- The detection system uses the boric acid affinity chromatography method, which has a good correlation with HPLC and is suitable for clinical monitoring
- There is no influence of common Hb variants like HbC, HbD, HbE, and HbS while analysis
- Sample results are available within 3.5 minutes
- Quality control testing meets hospital quality control need
- Connects with LIS; allows you to connect with external instruments and ensures data security to meet audit and accreditation requirements
- Equipped with voice guidance (a voice prompt) to minimize errors when taking measurements
- Store 1,000 test values and 200 quality control values
- Equipped with a thermal printer to interpret data in hard file form

Application

Used for analysis of HbA1c in the hospitals, clinical laboratories and medical research centers, medical institutes, diabetes treatment centers etc.

Specifications

Model No.	LD-LPHA-A10
Testing Time	≤3.5 minutes
Sample Type	Whole blood, fingertip
Reagent Kit	Glycosylated hemoglobin test kit (Boric acid affinity chromatography)
Display	4.3-inch touch screen, 480 x 272 pixel
Communication Interface	RS232: 1pc; USB: 1pc
Printer	Built-in thermal printer

HbA1c Analyzer

Data Storage	1000 test values and 200 quality control values
Linear	Test range is 4.0% to 15.0% HbA1c, linear correlation coefficient $r \geq 0.98$
Accuracy	Relative deviation is within $\pm 10\%$
Repeatability	CV $< 5\%$
Power Supply	220 V, 50/60 Hz, 800 mA
External Size(W×D×H)	250 x 235 x 126 mm
Net Weight	1.3 kg