Automatic Glycohemoglobin Analyzer

ADAMS™ A1c Lite

HA-8380V



Compact and Fast
Highly-accurate measurements
HPLC Technology

PHUAN MEDICAL

arkray,inc.

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Compact size

Compact and small size with full function and performance.

※Size comparison with HA-8180V



Easy-to-maintain

No special tools are required for daily maintenance. Exchanged parts are hand-tightened, minimizing the workload of the user.



Cap-piercing method

The HA-8380V uses a cap-piercing method which enables the setting of capped blood collection tubes in sample racks.
The accurate and direct aspiration of blood samples not only reduces workload but also helps to protect lab technicians from infection.



High-accurate measurements

The highly accurate measurements are the result of the HPLC measurement principle.
The measurement result includes information of each peak and chromatogram.
The result will be shown in both IFCC and NGSP units.

* FDA not approved.

Specifications

Samples	Whole blood or hemolysates	Sample volume	Approx.4μL(whole blood)
Measured items	HbA1c(Stable HbA1c), HbF (HbS and HbC can be detected in the Variant mode.)	Sample container	Blood collection tube (12.3 or 15mm diameters × 75 to 100mm length)
Measurement principle	HPLC method (Reversed-phase cation exchange chromatography)	Sampling method	Cap-Piercing
		Rack	5 samples/rack
Detection method	Dual-wavelength colorimetry (wavelengths measured: 420nm/500nm)	Measurement conditions	10-30℃, 20-80%RH (No condensation)
		Display	20 digits × 2 lines LCD
Resolution	0.1% Ratio, 1mmol/mol	Built-in Printer	Thermal printer, 58mm thermal paper
Measurement range	HbA1c : 3-20%, 9-195mmol/mol, HbF : 0-100%	Sample loading capacity	A maximum of 10 samples
Throughput	Variant mode:160seconds per sample Fast mode: :100seconds per sampl	Power supply	AC100V-240V ±10% 50/60Hz
		External dimensions	330(W)×515(D)×485(H)mm

※Design and specifications may be changed without prior notice

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