Automatic Glycohemoglobin Analyzer

ADAMS A1c

HA-8180

High speed and superior quality

arkray,inc.

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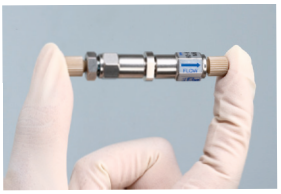


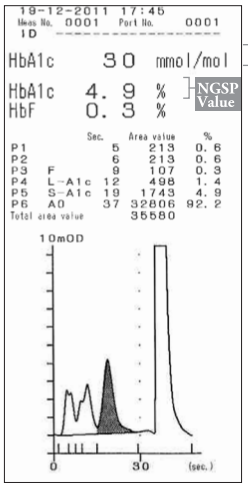
High-speed measurement: 48sec.

It takes 1.9 minutes to get the full first report. From the second sample onwards the measurement time including printed report is just 48 seconds per sample (with sample stirring) thanks to an unique new HPLC column.

Easy-to-follow user interface: Save time,avoid errors.

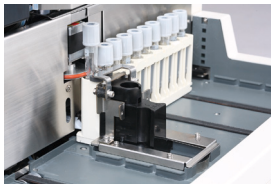
A large-size color LCD displays actual result, shows analyzer status, comments to operation procedure or informs the user about the remaining reagent quantity.

Highly-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.

● Please note that the measured A1c value may be lower when a sample includes variant hemoglobin.



Sample-stirring function

The automatic sample-stirring function before measurement avoids fluctuation in measurement results caused by blood cell sedimentation.

Easy-to-maintain

No special tools required for daily maintenance. Exchanged parts are hand-tightened, minimizing the workload of the user. The pre-filter is already integrated with the column eliminating the hassle of exchanging it.

Specifications

Samples	Whole blood or hemolysates	Rack type	ARKRAY racks
Measurement items	HbA1c(Stable HbA1c), HbF	Column temperature	Approx. 40℃
Measurement principle	Reversed-phase cation exchange chromatography	Display	Color graphic LCD with backlight
Detection method	Dual-wavelength colorimetry (wavelengths measured: 420nm/500nm)	Memory capacity	Max.1100 test results (including calibration results)
		Built-in Printer	Thermal printer, 58mm thermal paper
Resolution	0.1%	External output	RS-232C
Measurement range	HbA1c : 3～20%, 14～191mmol/mol, HbF : 0.3～5%	Measurement conditions	Temperature: 10-30℃ Humidity 20-80% RH (non-condensing)
Processing speed	48 seconds per sample (including time required for sample-stirring)	Required sample volume	Blood collection tube: 1mL or more Sample cup: 400μL or more
Sample consumption	Approx.14μL(whole blood)	Dimensions	530(W)×530(D)×530(H)mm
Sample container	Blood collection tube (12.3 to 15mm diameters) × (75 to 100mm length) Sample cup(500μL)	Weight	Analyzer: Approx. 38kg, Sampler: Approx. 4kg
		Power supply	AC100V～240V ±10% 50/60Hz
Sampling method	Cap-Piercing	Power consumption	Max. 300 VA

※Design and specifications may be changed without prior notice

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