

arkray

Automatic Glycohemoglobin Analyzer

ADAMS A1c Lite

HA-8380V

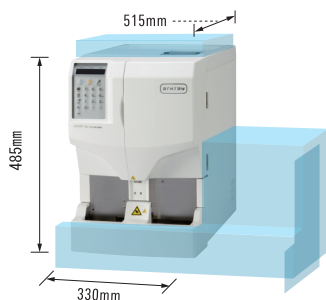


For smaller Laboratories
Smaller, but with full functionality

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arkray,inc.



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.



Cap-piercing method

The HA-8380V uses a cap-piercing method that enables capped sample tubes to be set onto a sample rack.

Accurate and direct aspiration of blood samples not only reduces the workload but also helps to protect lab technicians from infection.



Accuracy

HPLC technology provides accurate results-including detailed chromatogram. It will be shown in both IFCC and NGSP units.

The measurement result includes the information of each peak and chromatogram. The result will be shown in both IFCC and NGSP units.

Specifications

Measurement objects	Whole blood or hemolysis sample	Sample container	Sample tube:(12.3 or 15 mm in outer diameter) × (75 to 100 mm in height)
Measured items	Fast Mode: HbA1c (Stable HbA1c, S-A1c) and HbF Variant Mode: HbA1c (Stable HbA1c, S-A1c) and HbF (HbS and HbC separation and HbE and HbD detection can be performed).	Sample supply	Piercing sampling
Measurement principle	Reversed-phase cation exchange chromatography	Compatible rack type	ARKRAY racks (for 5 samples)
Measurement wavelength	420 nm/500 nm (Dual-wavelength colorimetry)	Operating environment	Temperature: 10 - 30°C; Humidity: 20 - 80% RH (No condensation)
Resolution	0.1% Ratio, 1 mmol/mol	Display	20 digits × 2 lines LCD
Measurement range	HbA1c: 3 - 20%, 9 - 195 mmol/mol HbF: 0 - 100%	Printer	For use with 58-mm width thermal printer paper
Processing speed	Variant mode: 160 seconds/test Fast mode: 100 seconds/test	Number of measurement samples	Maximum 10 samples
Sample consumption	Whole blood sample: Approximately 4μL Anemia sample: Approximately 8 μL Hemolysis sample: Approximately 350 μL	Power requirements	AC 100 - 240 V±10%, 50/60 Hz
		Dimensions	330 (W) × 515 (D) × 485 (H) mm (Not including protrusions, eluent packs and hemolysis washing solution bottle)

Legal manufacturer

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*Designs and specifications may be changed without prior notice.

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