

Material przeznaczony wyłącznie dla profesjonalistów
Material for professional users only

arkray

Compact Glycohemoglobin Analyzer

PocketChem A1c



Fast, accurate and simple
glycohemoglobin analyzer
with ergonomic design

arkray, INC.

PocketChem A1c



Easy calibration

Use of barcode reader to scan calibration data, patient and operator ID.

Efficient data handling

User selectable dual reporting of result. User can select from % NGSP, IFCC mmol/mol, eAG mg/dl or eAG mmol/l

Minute samples

Just 4 μ L blood required from finger prick or venous sample. The innovative blood collector makes the blood sampling easy and consistent.

Compact and lightweight

Together with user friendly basic functions and ergonomic design, PocketChem A1c becomes the ideal choice for small/medium sized hospitals and clinics.

It is lightweight (0.7 kg) with footprint only the size of A5 paper. Large tables are no longer needed.

Prompt and automatic

By closing the lid after applying the sample, the measurement starts automatically. The result is displayed in just four minutes.

Highly reliable

Boronate affinity methodology is widely recognized as interference-free from Hb variants.

Convenient Barcode reader



Easy to scan the calibration data.



Easy to operate(4 steps)



Remove foil from cartridge and insert into analyzer.



Press reagent bead into the cartridge.



Take blood sample. Insert into cartridge and snap the stick.



Close lid. Result is displayed in four minutes.

Specification

Samples	Whole blood (capillary and venous blood)	Measurement conditions	18-30 $^{\circ}$ C, 20-80 % relative humidity
Measured items	HbA1c	Memory capacity	7000 test results
Measurement principle	Boronate affinity	Printer	Thermal printer, 58mm thermal paper (Optional)
Detection method	Fluorescence quenching	External output	USB Port
Measurement range	NGSP : 4-15 %	Power supply	AC100 V-240 V \pm 10 % 50/60 Hz
Throughput	4 minutes per sample	External dimensions	W205 x D135 x H95 mm
Sample volume	4 μ L (whole blood)	Weight	Instrument: 0.7 kg Printer: 0.5 kg
Imprecision	CV <3 % at 7 % A1c (NGSP)	Warm up time	5-20 mins dependent upon external temp conditions

※Design and specifications may be changed without prior notice

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