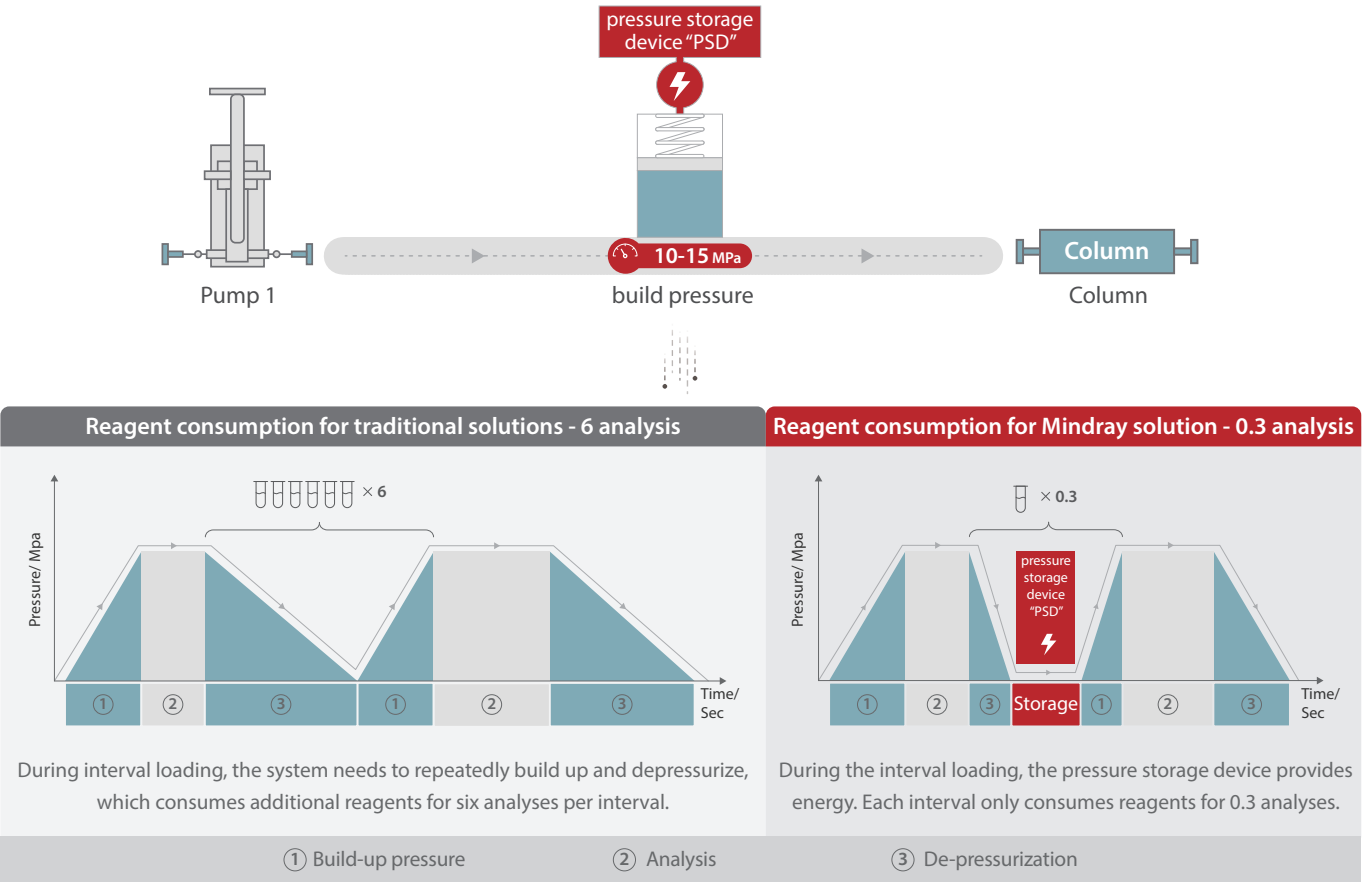
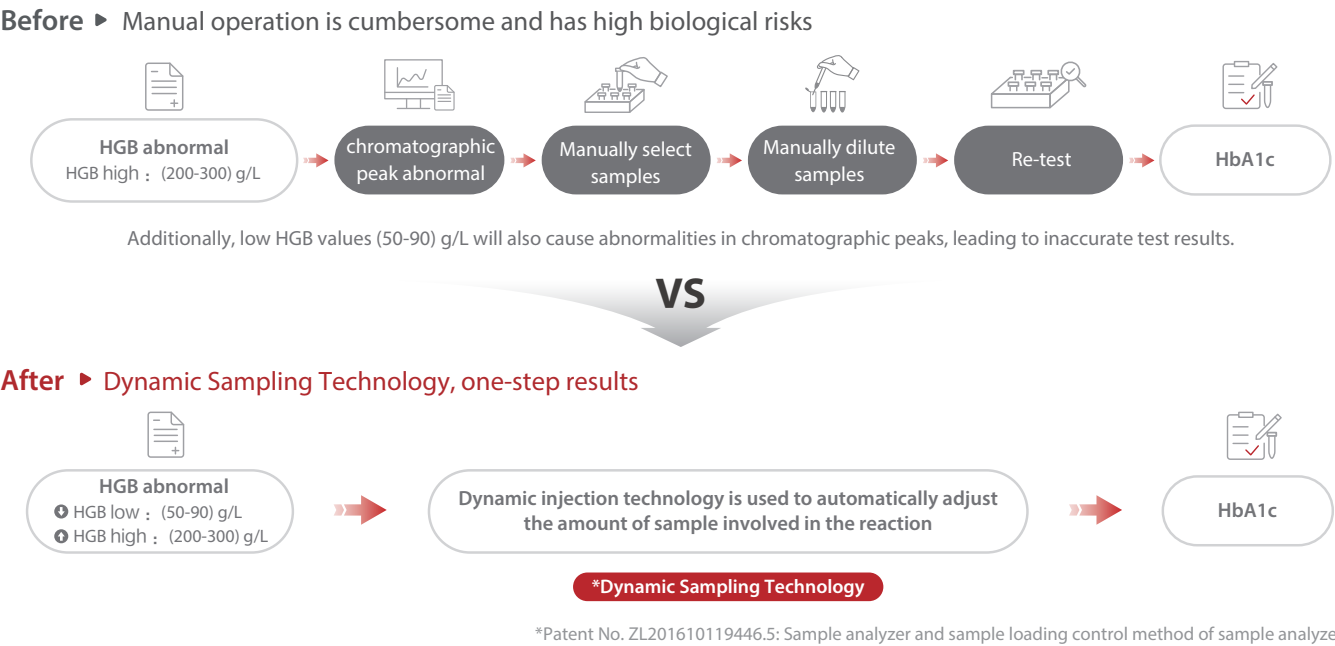


Technological Breakthrough, Enabling a Fully Integrated HbA1c Testing Workflow

Pressure Retention Technology For Faster and More Cost-effective Analysis



Dynamic Sampling Technology Optimized workflow, no manual dilution or repeated testing required



Usability and Parameters

Easy to replace all consumables

Automatic sample rotation for barcode scanning
Support automated inversion mixing

Stand-alone/Track system
Support labXpert

Closed tube analysis
Support cap-piercing of STAT sample

Reagent

- With RFID tag, automated traceability and convenience
- Replace the reagent bottles in two simple steps: insert and pull out

Chromatography Column

- With RFID tag, automated traceability and convenience
- Replace the column in four simple steps: open, take out, place, and close

Technical Specifications

Samples	Whole blood or hemolysis sample	Number of samples loaded	Maximum of 50 samples
Measurement Parameters	HbA1c (Reportable) HbF , HbA1 and eAG (Research)	Data storage capacity	100,000
Measurement principle	Ion-exchange-based high-performance liquid chromatography	Measurement conditions	Ambient temperature: 10℃ - 35℃(Normal operating conditions); -10℃ - 40℃(Storage and transportation conditions) Relative humidity: 20% - 85%(Normal operating conditions); 10% - 90%(Storage and transportation conditions)
Sample consumption	10uL (Whole blood) 4uL (Pre-diluted mode)	Dimensions	650(W)x680(D)x740(H)mm (With auto-loader)
Accuracy Relative deviation	≤±5.0%	Weight	≤77 kg (With auto-loader)
Reproducibility	CV≤1%	Column	H-10(10,000 tests) 、 H-6 (6,000 tests) and H-3 (3,000 tests)
Linearity range	3.0%~20.1%	Filter	3,000 tests
Loading mode	AL-WB, CT-PD, CT-WB	Reagent	Eluent A, Eluent B and Hemolysis Solution

www.mindray.com

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H-120 Automated Glycohemoglobin Analyzer Precision Assured, Optimized Performance



High-throughput anti-variants interference

Test Mode	Throughput (test per hour)	Description
Standard Mode	120	Flags 6 hemoglobin variant interferences (HbS/HbC/HbD/HbE/HbJ-Bangkok/HbUbe-2) as "Suspected variant" and automatically switches to variant mode.
Variant Mode	60	Resistant to interference from 4 hemoglogin variants (HbS/HbC/HbD/HbE) and provides variant type flags.

Intelligent mode switching for re-testing

The standard mode and variant mode can be switched automatically, without requiring the replacement of reagents or the column.



Standard Mode 120 T/H → Intelligent re-test → Variant Mode 60 T/H

High-throughput anti-variants interference

Flexible configuration to meet all kinds of demands

Allin HbA1c +ESR +CBC+Morphology



CAL 8000

CBC All in One solution with H-120



CAL 7000

H-120+MC-80+SC-120+BC-7600 series



CAL 9000/CAL 8000

H-120 only, up to 10 units



CAL 9000

CBC All in One solution with H-120



CAL 7000

Double H-120



CAL 7000E

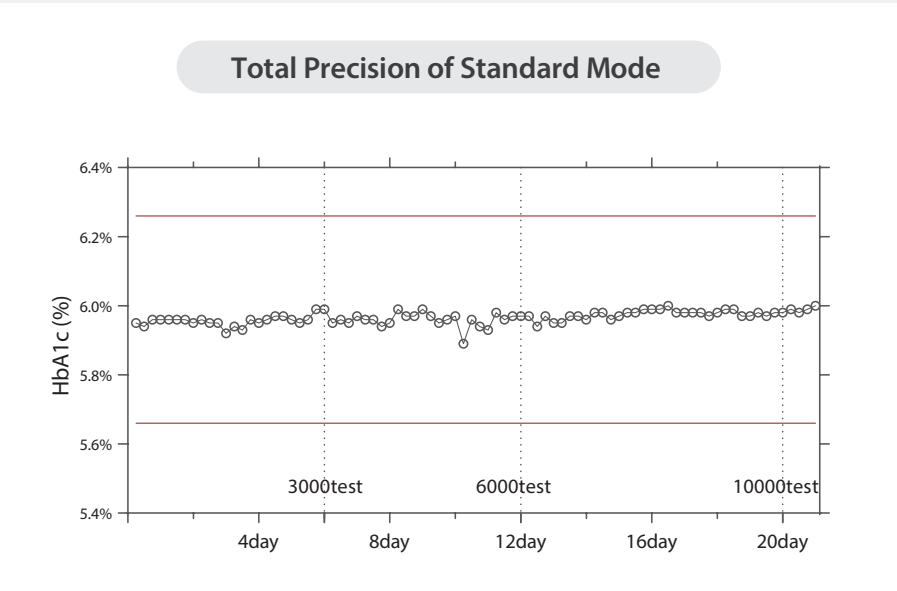
H-120+BC-7600 series



CAL 7000E

H-120+BC-760/780

High-precision measurements



1. Repeatability **CV≤1%**

2. HbA1c Units Reported – IFCC&NGSP

High-precision measurements

Flexible Configuration to meet all kinds of demands

H-120 Automated Glycohemoglobin Analyzer

Precision Assured, Optimized Performance