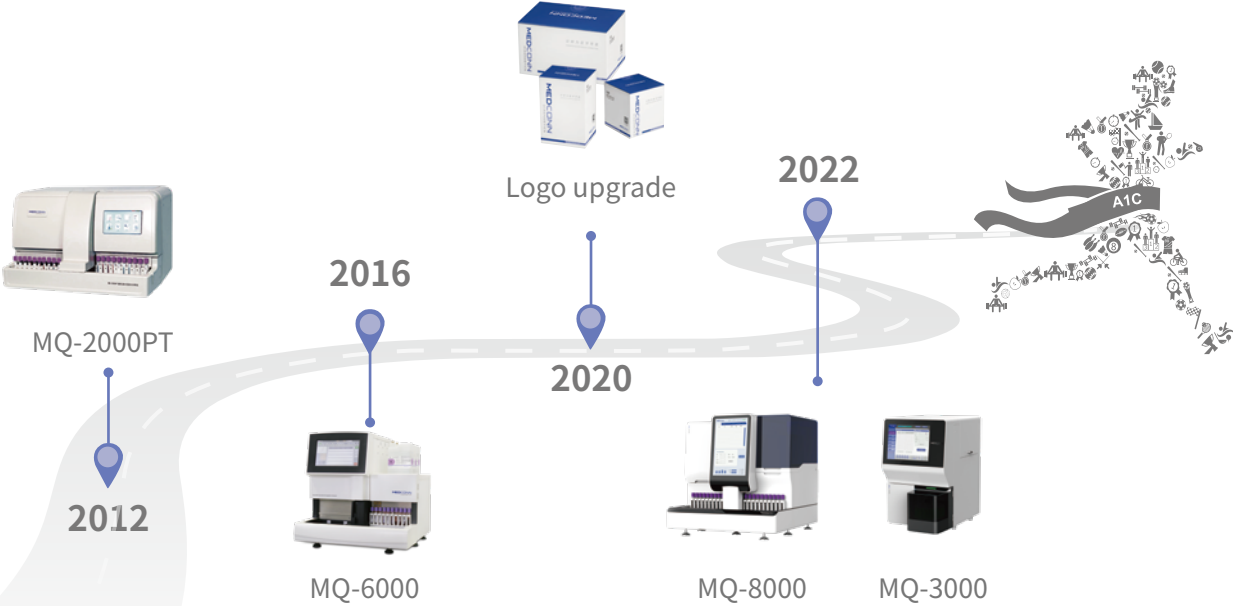


Company Profile



Medconn specializes in HbA1c HPLC products, providing professional products and service to the world.



Medconn Diagnostics, established in 1992, is a leading company specializing in the research and development, manufacturing, sales, and service of in vitro diagnostic (IVD) products. Headquartered in Hangzhou, China, Medconn Diagnostics serves a broad market across most provinces and regions in China, offering a comprehensive range of products, including HbA1c testing, Hematology, CLIA and Point-of-Care Testing (POCT), Biochemistry, etc.



Medconn Diagnostics

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MQ-8000(HPLC) Glycated Hemoglobin (HbA1c) Analyzer

Hb-Variant Detection | Graph Transfer | Multi-machine Connection



DIAGNOSTICS FOR MEDICAL CONNECTION



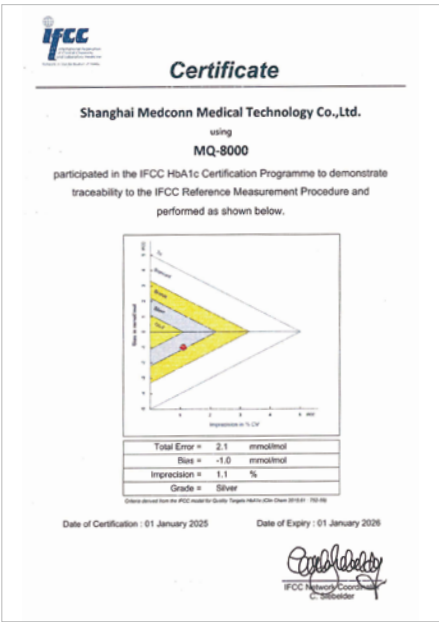
Functional Product with Accurate Results

HPLC Method

- High Performance Liquid Chromatography (HPLC) is considered as the “Golden Standard” method for the HbA1c test
- Ensure that the test results aligned to the Diabetes Control and Complications Trial (DCCT) and the UK Prospective Diabetes Study (UKPDS) reference studies

Accurate

- CV ≤ 1%, provides better repeatability
- NGSP and IFCC certificate
- Ability to separate common variants, HbE, HbS, HbC, and HbD, providing more information for clinical decisions



Efficient

- Only 45 seconds for fast mode
- Automatic barcode reading
- Automatic mixing
- Automatic cap-piercing
- Automatic printing
- Diluted and Whole Blood Sample Auto-switching

Functional

- Graph can be transmitted to the LIS system for easy query
- Supporting bidirectional transmission of results
- Supporting multi-machine connection, and providing higher productivity for large laboratories

Easy to use

- Fully automatic, no manual operation required after running samples
- The 12.1-inch touch screen provides a clear interactive interface to avoid operator error



Automatic Analysis Line

Glycated Hemoglobin Analyzer + Hematology Analyzer

Note: Design and specifications may be changed with the upgrade of system

Specifications

Principle	Ion Exchange HPLC
Analytes	HbA1c , HbF, HbE, HbD, HbS, HbC, HbA1a,LA1c, HbA0
Speed	45 sec/test for fast mode 60 sec/test for normal mode 100 sec/test for long mode
Sample Consumption	Whole blood: 4 µL
Loading Capacity	100 Samples
Measuring Range (NGSP)	3.0%-20.1%
Precision	CV≤1%
Data Storage	On-board memory up to 100,000 results with graph
On Board Reagent Volume Detection	Weight Level Sensor
Display	12.1 inch touch screen
Output	Internal Thermal Printer Lis System USB
Sample Handler	Dilution and Whole Blood Sample Auto-switching Internal barcode reader Auto-mixing Cap Piercing
Working Environment	10°C-30°C Humidity: ≤80% Altitude: Self-adaptive
Dimension	536 mm × 580 mm × 538 mm (L*W*H)
Weight	65 kg

Note: Design and specifications may be changed with the upgrade of system

Consumables

Multiple specifications meet the different needs of laboratories of different sizes.

Reagent Package

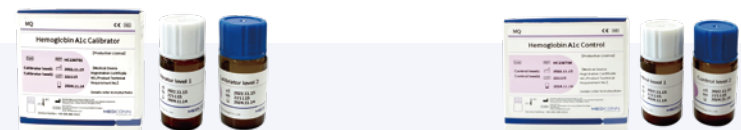
24 months shelf life 4 months on-board stability



- Column
- Haemolyser
- Reagent

Calibrator and Controls

24 months shelf life



- HbA1c Calibrator
- HbA1c Control