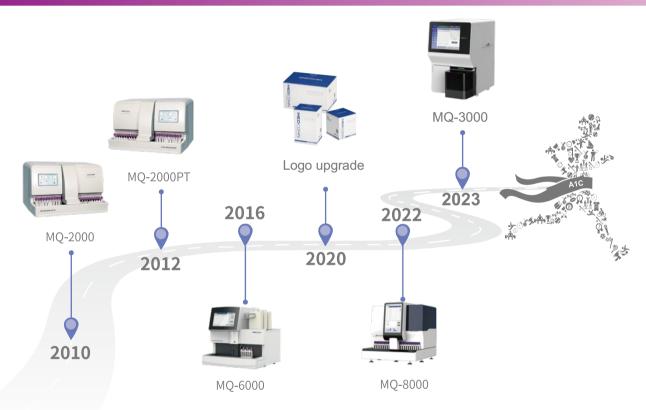
### **Company Profile**





Medconn was founded in 1992, focusing on R&D, manufacturing, sales and service of in vitro diag nostic (IVD) products. Medconn Diagnostics is headquartered in Shanghai, China. Its business covers all provinces in China and some regions in Global, and its products cover HbA1c, Clinical Chemistry, Immunoassay, POCT, etc.



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# MQ-3000(HPLC)

# Glycated Hemoglobin (HbA1c) Analyzer

Precise | Compact | Hb-Variant Detection



DIAGNOSTICS FOR MEDICAL CONNECTION



### **Specifications**

Principle	lon Exchange High Performance Liquid Chromatograph∳HPLC)
Sample Handler	Dilution and Whole Blood Sample Auto-switching Internal barcode reader and external barcode reader Cap Piercing
Throughput	<120s/test
Sample Aspiration Volume	Whole Blood 4µL
Loading Capacity	18 Samples
Measuring Range (NGSP)	3.0%-20.0%
Precision	CV≤ 2%
Result Output	Internal Terminal Printer External Printer Lis System USB
Data Storage	100,000 Results with Graph
Reagent Kit Specification	All in one package: 400 tests/kit, 800 tests/kit
Working Environment	10°C-30°C Humidity: ≤ 70% Altitude: Self-adaptive
Dimension	457 mm×325 mm× 521mm(L* W* H)









## **Compact and Functional**

#### Easy operation

- 18 samples can be loaded at a time
- Samples can be inserted after sampling ------
- Simple and easy-to-use interface

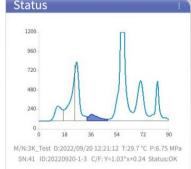






### Separation of hemoglobin from interferences

• HbD, HbS, HbC, HbE ------



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Peak	Time	Area	Ratio
A1a	13.4	1.09	6.58
Unknown	21.2	2.41	14.53
LA1c	29.5	2.48	14.95
A1c	36.7	0.69	4.51
A0	58.0	9.94	59.81
Unknown	70.6	2.97	17.88
Unknown	82.3	1.63	9.81
Unknown	87.1	0.22	1.35
Unknown	97.2	0.02	0.14

#### Multiple input/output devices

- Graph can be transmitted to Lis system
- External printer can be connected
- External bar code scanner can be connected
- Built-in thermal printer

