

HORIBA

MEDCONN
DIAGNOSTICS

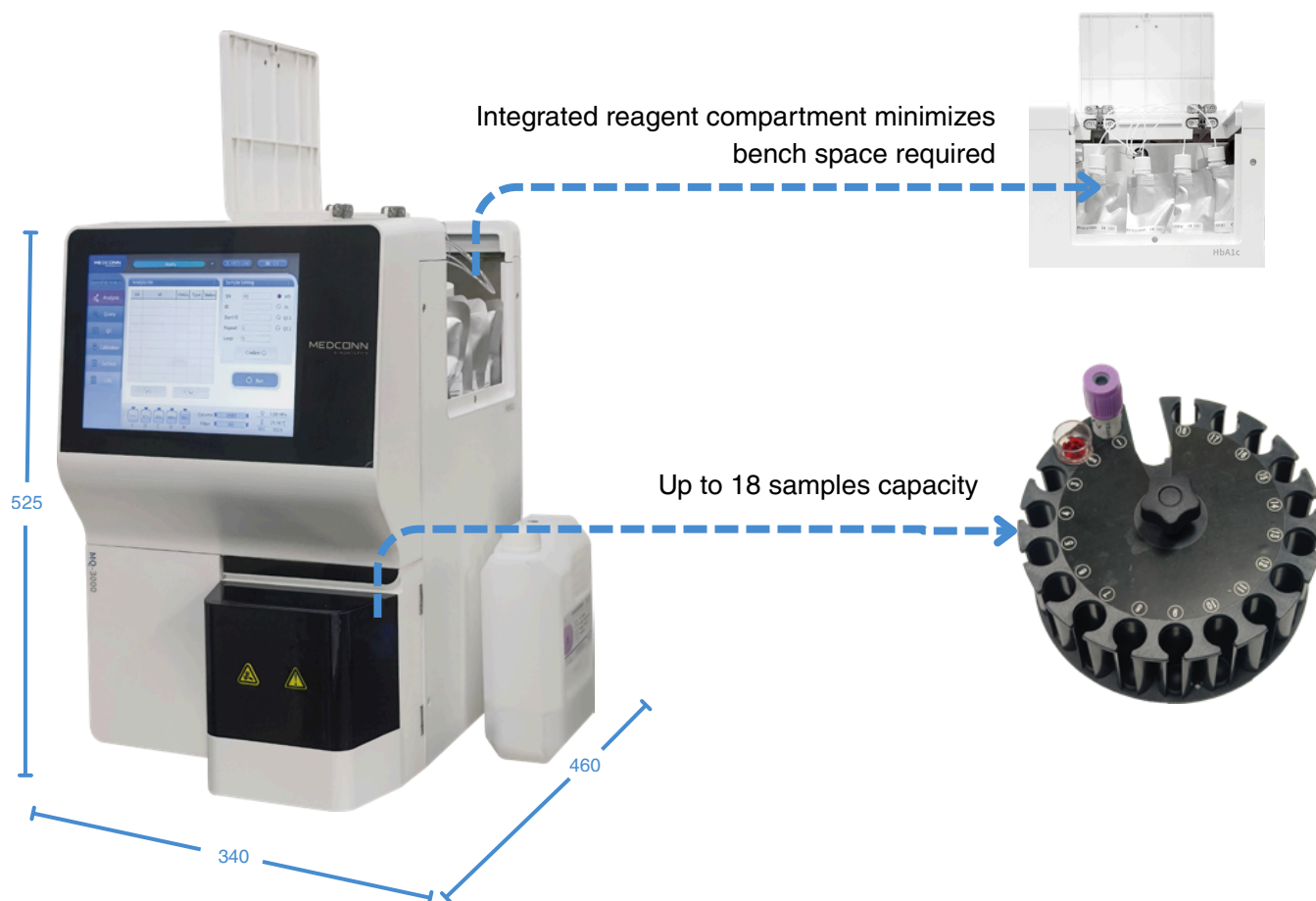
MQ-3000

Glycated Hemoglobin (HbA1c) Analyzer



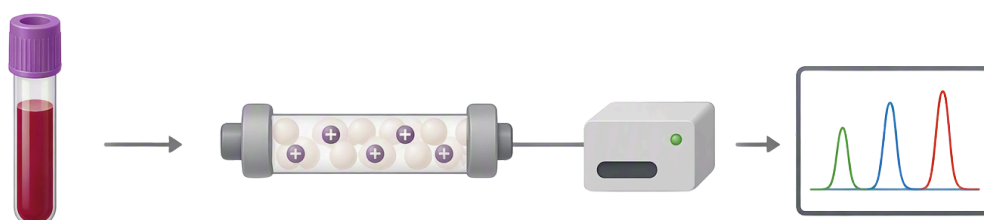
Compact Design

MEDCONN MQ-3000 Glycated Hemoglobin Analyzer is designed with a compact footprint. It is specifically designed for clinical laboratories, hospital, and clinics with low sample volumes.



HPLC Method

- This technique separates the different forms of hemoglobin based on their electrical charge. The column is made up of charged particles that attract and retain the hemoglobin molecules with different charges.
- Due to the excellent specificity and repeatability, HPLC is considered as the “gold standard” method for the determination of HbA1c.



Easy to Use

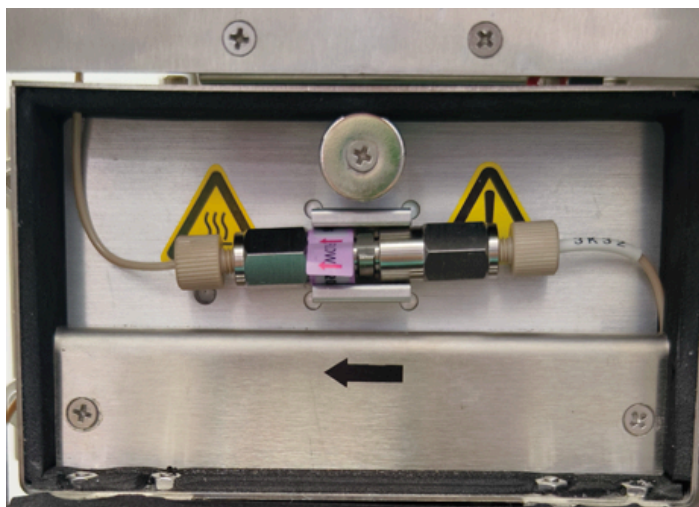
User friendly interface

- 10.4-inch touch screen
- Streamlined software enhances ease of use



Easy Maintenance

- Column and filter are easy to replace without tools
- Minimal operator maintenance required



Automatic

- Automatic cap piercing
- Auto detection of whole blood and lysed samples



Multiple input/output devices

- Chromatogram transmission to LIS system
- External printer and bar code reader connection
- Built-in thermal printer



Accurate Results

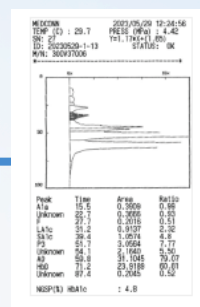
Is Your HbA1c Test Delivering Accurate Results?

7% of individuals worldwide have a genetic Hemoglobin Variant

Which HbA1c Test Method Will Your Lab Choose?

Ion Exchange HPLC

- Without interference from most common Hemoglobin Variants
- Detects presence of most common Hemoglobin Variants



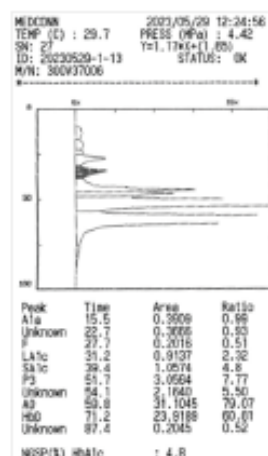
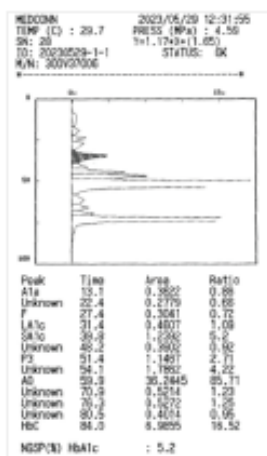
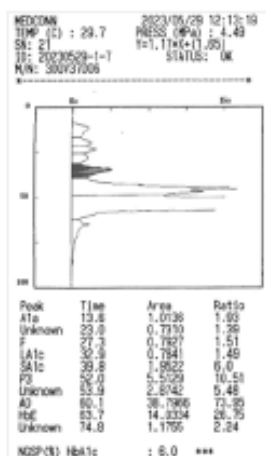
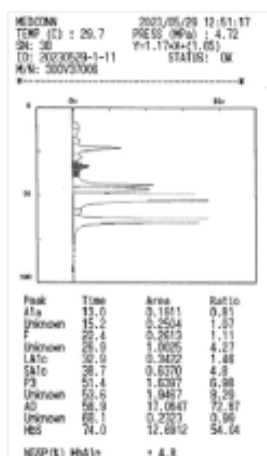
Supports accurate diagnosis and treatment decisions

Immuno / Enzymatic (Chemistry Analyzer)

- May have interference from Hemoglobin Variants
- Doesn't detect presence of Hemoglobin Variants

Can lead to inaccurate diagnosis and treatment decisions

Variant Separation



Specifications

Principle	Ion Exchange HPLC
Analytes	HbA1c, HbE, HbD, HbS, HbC, HbA1a, LA1c, HbA0, HbF* (*Flag Only)
Throughput	115 sec/t (with variant separation HbS/C/D/E)
Measurement Range	3.0-15.0%
Sample Volume	Whole Blood: 4uL
Sample Capacity	18 Samples
Precision	CV≤2%
Data Storage	On-board memory up to 100,000 results with graph
On board reagent volume detection	Software Calculation
Sample Handler	Dilution and Whole Blood Auto-Switching, Barcode Reader, Cap Piercing
Output	Internal Thermal Printer, LIS, USB
Reagent Open Stability	4 Months
Interface	10.4 Inch Touch Screen
Working Environment	10°C - 30°C, Humidity: ≤80%, Altitude: Self-adaptive
Dimensions (D x W x H)	18.1 x 13.4 x 20.7 in (460 x 340 x 525 mm)
Weight	48.5 lbs (22.0 kg)

Consumables

Reagents are available in 800 and 1600 Test kit configurations, providing the flexibility to meet varying demands while streamlining procurement and inventory management.

Reagent Package

4 months on-board stability



Calibrators and Controls

Extended frozen stability for Controls



About HORIBA



HORIBA designs, develops and distributes worldwide, in vitro diagnostic systems mainly destined for biological analysis in medical laboratories. These automated analyzers meet the needs of various users including patients, doctors, private laboratories, clinics and university hospitals. HORIBA expertise in in vitro diagnostics is one of the most respected in hematology worldwide and contributes today to the healthcare of tomorrow.

HORIBA is an authorized US distributor of the MEDCONN MQ-3000 and MQ-8000 Glycated Hemoglobin (HbA1c) Analyzers.

Contact HORIBA

**Upgrade your HbA1c testing —
Experience the precision and efficiency of MEDCONN MQ-3000.**

Scan the QR code to contact a HORIBA Rep today!



FLY-00001