

D-10™ Hemoglobin Testing System

Instrument Specifications

Hardware

Pump.....	One dual piston, low pulsation HPLC
Cartridge Holder Temperature Range.....	Ambient to 50°C
Detector Light Source	LED
Built-in Printer	Graphic thermal, 112 mm; 4.4" wide
Display	Integrated 1/4 LCD touch screen
Bar Code Reader.....	Positive sample identification

Data Handling

Data Storage/Parameter Entry	3.5" floppy disk drive
Data Export.....	Floppy disk drive, RS232* or LAN*
Ethernet/LAN Connection	Serial port

Sampling Handling

Sampling Method.....	Cap piercing
Sample Rack	10 positions
Sample Tubes	12 x 75 mm, 13 x 100 mm, 14 x 100 mm, 16 x 100 mm; 12, 13 and 14 mm rack adapters
Prediluted Samples.....	1.5 mL sample vials
Sample Type.....	Whole blood with EDTA

Electrical

Power Input.....	100-240 VAC at 50-60 Hz
Power Consumption	250 Watts maximum

Operating Environment

Operating Temperature.....	15 to 30°C
Operating Humidity	20 to 80%, Non-condensing

Dimensions

W x H x D	402 x 476 x 534 mm; 15.8" x 18.7" x 21.0"
Weight.....	35 kg; 77 lbs.

* Under development.

Ordering Information

Catalog No.	Description
220-0220	D-10™ Hemoglobin Testing System (110/220V) with Accessories 1 unit
220-0101	D-10™ Hemoglobin A _{1c} Program Reorder Pack** 400 tests
220-0201	D-10™ Dual Program Reorder Pack* 400 HbA _{1c} tests or 200 HbA ₂ /F/A _{1c} tests
220-0375	D-10™ Printer Paper 10 rolls
740	Lyphochek® Diabetes Control Bilevel (3 each of 2 levels) 6 x 0.5 mL
553	Lyphochek® Hemoglobin A ₂ Control Bilevel (2 each of 2 levels) 4 x 1 mL
120	Lyphochek® Hemoglobin A _{1c} Linearity Set (1 each of 4 levels) 4 x 0.5 mL

* Under development. ** Pending FDA clearance.

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For further information, please contact the Bio-Rad office
nearest you or visit our website at www.bio-rad.com.

Clinical
Diagnostics Group

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BIO-RAD

Experience the POWER of 10!

D-10™ Hemoglobin Testing System

A perfect 10 means you're one of the best. This is why Bio-Rad, the recognized leader in hemoglobin testing, is proud to introduce the D-10™ Hemoglobin Testing System, a perfect 10 for laboratories, clinics and physician offices laboratories.

The D-10™ Hemoglobin Testing System delivers big performance in a small package. It provides a fully automated system which combines diabetes monitoring and β -thalassemia testing into a single platform. Programs for rapid HbA_{1c}* or HbA₂/F/A_{1c}** are only a touch screen away and can be easily integrated into your current laboratory workflow.

The D-10™ is safe and easy-to-use. Whole blood primary tube sampling eliminates off-line sample preparation. Touch screen operation and automatic bar code reading increase ease of use. All of these features are available to you on the smallest automated high-performance liquid chromatography platform available today. The D-10™ sets a new standard of performance for comprehensive hemoglobin testing.

*D-10 Hemoglobin
Testing System delivers big
performance in a small package*



Sample handling compartment
with bar code reader

10 place sample rack

Chromatographic compartment
with low maintenance LED
based detector

10 Reasons To Select the D-10™ Hemoglobin Testing System

- **Fully Automated**
Primary tube sampling streamlines your operational efficiency eliminating off-line sample preparation, sample mixing and sample cap removal.
- **Compact**
The D-10™ features a small footprint ideal for conserving space in laboratories, clinics and physician office laboratories.
- **Easy-to-Use**
Load your samples in the sample rack and select your method using the touch screen. Result reports with chromatograms print out automatically.
- **Flexible**
Choose between the rapid A_{1c} Program* or the 6.5 minute HbA₂/F/A_{1c} Dual Program**. Fast switching between programs is easily achieved without changing reagents or cartridge.

- **Powerful β -thalassemia Testing****

Automate your β -thalassemia testing with simultaneous quantitative HbA₂, HbF and A_{1c} determinations. Screen for common hemoglobin variants at the same time.

- **Accurate Diabetes Monitoring**

Accurate HbA_{1c} quantitation is optimized to minimize interference from labile HbA_{1c}, carbamylation, lipemia and hemoglobins F, S and C. The HbA_{1c} calibrator is traceable to the IFCC reference method.

- **NGSP Certified**

The Bio-Rad D-10™ HbA_{1c} Program* has been certified by the NGSP as being traceable to the Diabetes Control and Complications Trial (DCCT) reference method.

- **Convenient**

Reorder pack includes all reagents and consumables for 400 HbA_{1c} tests* or 200 HbA₂/F/A_{1c} tests**.

- **Trusted**

Bio-Rad is the recognized leader in HbA_{1c} testing. We have been serving the diabetes testing community for over 25 years.

- **Cost Effective**

The D-10™ Hemoglobin Testing System is affordable and delivers high quality HbA_{1c} and β -thalassemia testing to your laboratory today.

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