HbA1c 501 System

Portable blood analysis for clinical monitoring and management of diabetes in the primary care environment.

The HemoCue® HbA1c 501 system is a small, portable, and fully automated point-of-care analyser that tests for HbA1c. Not only can it confirm the patient’s health status, but it is able to provide lab accurate and precise test results in order to facilitate on-going treatment of patients.

**KEY FEATURES**

- Tests for managing diabetes in one appointment
- Simple finger prick test, no venous blood required.
- Lab accurate test results, certified by IFCC and NGSP
- Results in 5 minutes.
- Quick and efficient monitoring of patients to provide the right treatment
- Easier achievement of QOF points

The test is designed for near patient testing use to monitor glycaemic control in patients with diabetes mellitus. With results ready in just 5 minutes from a simple finger prick test, it is the perfect monitoring tool for primary care settings.

Monitoring or determining the appropriate treatment for the patient can all take place in just one appointment, removing the inconvenience of waiting on lab results. The HemoCue® HbA1c 501 system offers streamlined follow up visits for your patient.

Easy to use with clear on-screen instructions, the HbA1c analyser uses an automatic cartridge calibration system therefore requiring little maintenance.

**How a GP practice would benefit...**

QOF points are earned by lowering the HbA1c in a patient. The HbA1c analyser system can provide lab accurate results in 5 minutes, obtained in one appointment from a simple finger prick test.

It saves time, money and practice resources, freed with needless blood tests and reducing most of follow up appointments. GP’s can manage patients better and provide the right treatment in lowering their HbA1c.
TECHNICAL SPECIFICATIONS

**Principle**
Fully automated boronate affinity assay for determination of HbA1c percentage in whole blood

**Calibration**
Factory calibrated and traceable to IFCC and NGSP/DCCT

**Sample Material**
Capillary whole blood, Venous blood with anticoagulant

**Measurement Range**
20 – 130 mmol/mol (IFCC),
4.0 – 14.0 % (NGSP)

**Results time**
5 minutes

**Sample Volume**
4 μL

**Dimensions**
198 × 217 × 136 mm
(7.80 × 8.54 × 5.35 inches)

**Weight**
1,600 g (3.53 pounds)

**Storage Temperature**
Analyzer: 10 – 35 °C (50 – 95 °F)
Test cartridge: unopened 2-32 °C (36-90 °F)

**Operating Temperature**
17 – 32 °C (63 – 90 °F)

**Power**
9 V DC / 1.5 A

**Interface**
Printer, PC and barcode scanner

**Quality Control**
Built-in "self-test"; Check cartridge, system can be verified using liquid controls

The HbA1c analyser is certified by the IFCC (International Federation of Clinical Chemistry and Laboratory Medicine) and NGSP (National Glycohemoglobin Standardization Program) for accuracy and precision.

**Ordering Information**

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>HC-405210</td>
<td>HemoCue® HbA1c 501 Analyser</td>
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<tr>
<td>HC-405110</td>
<td>Test Cartridge (Pack of 10)</td>
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