

# HemoCue® Hb 801 System



## Innovation at its best from the pioneers in Hb testing

With the introduction of HemoCue® Hb 801 System we are taking the Hb point-of-care testing to a new level. The system is designed with your needs in mind, maintaining the robustness and quality you expect from HemoCue products. It provides ease of use and enables work flow efficiency with connectivity capabilities delivering fast result at the time of care.

HemoCue® Hb 801 System is optimized for hemoglobin testing in primary care and public health settings. The system provides quick, easy access to lab-quality results without compromising accuracy, even in demanding climates with high temperatures and humidity.

To learn more about the HemoCue® Hb 801 System, visit [hemocue.com](http://hemocue.com)

### Maximize Time with Your Patients

- ▶ Immediate result in less than 1 second
- ▶ Work everywhere with flexible power supply options
- ▶ Easy to clean - less down time

### Experience Daily Operational Efficiency

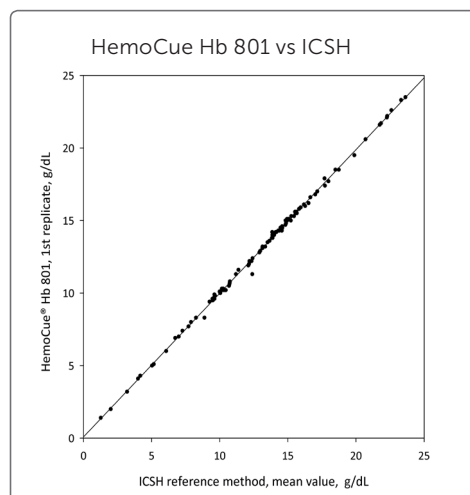
- ▶ Set cleaning reminders and schedule quality controls
- ▶ Large display and symbols allow you to quickly monitor workflow and result
- ▶ "Let-go-grip" - no need to keep holding the microcuvette down during measurement

### Trust Your Results at the Point of Care

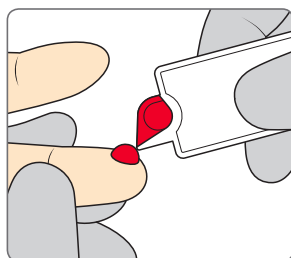
- ▶ Factory calibrated against the ICSH recommended reference method. No further calibration needed
- ▶ Robust design and accurate testing within a wide range of temperatures and humidity
- ▶ Built in self-test

# HemoCue® Hb 801 System

<b>Principle</b>	The HemoCue® Hb 801 System consists of an analyzer together with microcuvettes. Blood is drawn into the microcuvette cavity by capillary action. The measurement takes place in the analyzer, which measures the absorbance of whole blood at an Hb/HbO <sub>2</sub> isosbestic point.
<b>Calibration</b>	The HemoCue® Hb 801 System is calibrated against the hemiglobincyanide (HiCN) method, the international reference method recommended by ICSH, for the determination of the hemoglobin concentration in blood. The system is factory calibrated and needs no further calibration.
<b>Sample Material</b>	Capillary or venous whole blood
<b>Measurement Range</b>	1.0-25.6 g/dL (10-256 g/L, 0.62-15.9 mmol/L)
<b>Measuring Time</b>	< 1 sec
<b>Sample Volume</b>	10 µL
<b>Dimensions</b>	143x87x45 mm (5.6x3.4x1.8 in)
<b>Weight</b>	< 250 g (0.55 lbs), batteries excluded
<b>Storage Temp.</b>	Analyzer: 0-50 °C (32-122 °F) Microcuvettes: 10-40 °C (50-104 °F). Opened or unopened vials of microcuvettes can be stored for a shorter period of time (6 weeks) between -18-50 °C (0-122 °F).
<b>Operating Temp.</b>	10-40 °C (50-104 °F)
<b>Power</b>	USB adapter or 3 AA batteries (1.5 V Alkaline or 1.2 V NiMH). Optional: HemoCue Rechargeable battery
<b>Interface</b>	USB and Bluetooth Low Energy External Software Applications
<b>Optional</b>	HemoCue® 801 Connect
<b>Quality Control</b>	Built-in self-test, optional liquid controls



## Three Simple Steps



1 Fill microcuvette.



2 Place microcuvette into analyzer.



3 View results.

HemoCue AB | PO Box 1204 | SE-262 23 Ängelholm | Sweden  
Phone +46 77 570 02 10 | Fax +46 77 570 02 12 | info@hemocue.com | hemocue.com

HemoCue has been a leader in point-of-care medical diagnostics for over 35 years. We specialize in giving healthcare providers lab-quality results comparable to that of a clinical lab.

