

## HemoCue® Hb 301 System



## Accurate Point of Care Anemia Screening From the Pioneers

Designed for hemoglobin screening in primary care and blood donation settings, the HemoCue® Hb 301 System is a simple and convenient solution. The HemoCue® Hb 301 System provides quick, easy access to lab-quality results without compromising accuracy, even in demanding climates with high temperatures and humidity. With dedicated support and service as well as unmatched training and education based on over 35 years of experience, you can count on HemoCue for the right solutions for all your needs.

### Have Confidence in Your Answers at the Point of Care

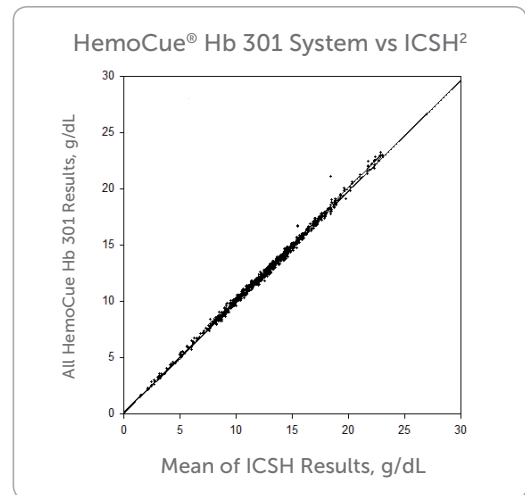
- Precise factory calibration against the ICSH (HiCN) reference method
- Unique microcuvette technology with excellent lot-to-lot reproducibility
- Robust testing within a wide range of temperatures and humidity
- Blood-based hemolysate liquid controls available

### Get Easy Access to Lab-Quality Accuracy

- Capillary, venous or arterial whole blood sample
- Brief training with virtually no maintenance
- Link result with patient ID for medical record integration with middleware
- Printer interface

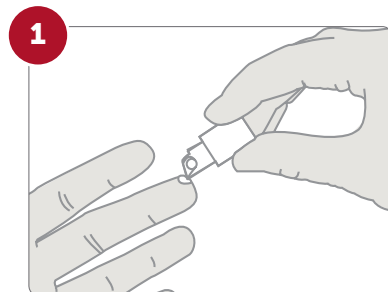
# HemoCue® Hb 301 System Specifications<sup>1</sup>

<b>Principle</b>	Absorbance measurement of whole blood at an Hb/HbO <sub>2</sub> isosbestic point; dual wavelengths (506 nm and 880 nm) for Hb measurement and turbidity compensation
<b>Calibration</b>	Factory calibrated against the ICSH hemiglobincyanide (HiCN) reference method; needs no further calibration
<b>Sample Material</b>	Capillary, venous or arterial whole blood
<b>Measurement Range</b>	0–25.6 g/dL (0–256 g/L, 0–15.9 mmol/L) If “HHH” is displayed, the result exceeds the measuring range of the system. Values above 23.0 g/dL (230 g/L, 14.3 mmol/L) must be confirmed using a suitable laboratory method.
<b>Reportable Range</b>	0–23.0 g/dL (230 g/L, 14.3 mmol/L)
<b>Results</b>	≤ 3 seconds
<b>Sample Volume</b>	~10 µL
<b>Dimensions</b>	5.51 × 2.76 × 6.29 inches (140 × 70 × 160 mm)
<b>Weight</b>	1.10 pounds (500 g) with batteries installed
<b>Storage Temp.</b>	Analyzer: 32–122 °F (0–50 °C) Microcuvettes: 50–104 °F (10–40 °C) For unopened vials, the storage temperature can be extended between -18–50 °C (0–122 °F) for a period of 6 weeks
<b>Operating Temp.</b>	50–104 °F (10–40 °C)
<b>Power</b>	AC Adapter or 4 AA batteries
<b>Interface</b>	Printer and HemoCue® Basic Connect including optional barcode scanner
<b>Quality Control</b>	Built-in self-test; optional liquid controls*

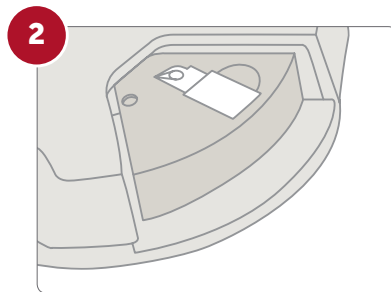


Product Order Number	
121827	HemoCue® Hb 301+ Analyzer
111809	HemoCue® Hb 301 Microcuvettes 4x50 (200/box)
111807	HemoCue® Hb 301 Microcuvettes 4x75 (300/box)

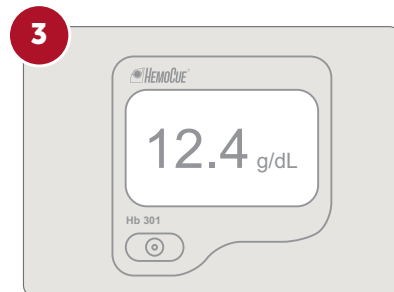
## Get Results in a Few Simple Steps



1 Fill the microcuvette.



2 Place the microcuvette into the analyzer.



3 View results.

\*Refer to your local or regulatory agency for any external control requirements

<sup>1</sup> HemoCue® Hb 301 Operating Manual 901801\_181205

<sup>2</sup> HemoCue internal data report FRI0076

<sup>3</sup> Add HemoCue® Hb 301 Microcuvette Package Insert 151801\_150317



**HemoCue OnCue™ Support**

At your office, online, or on the phone, we're ready to do more for you.