

# HemoCue® Hb 301 System



## Accurate POC Anemia Screening From the Pioneers

Optimized for anemia 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 30 years of experience, you can count on HemoCue for the right solutions for all your needs.

*Accuracy Starts With Us*

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

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

### Get Easy Access to Lab-Quality Accuracy

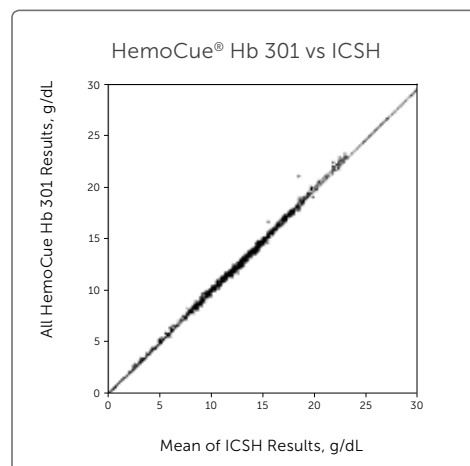
- ▶ Capillary, venous or arterial whole blood sample
- ▶ Brief training with virtually no maintenance
- ▶ Link result with patient ID for medical record integration
- ▶ Printer interface



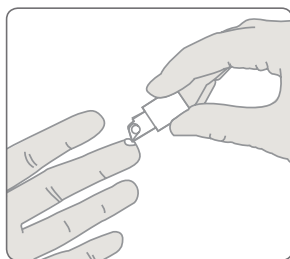
To learn more about the HemoCue® Hb 301 system, please scan the QR-code with your smartphone or visit [hemocue.com](http://hemocue.com)

# HemoCue® Hb 301 System

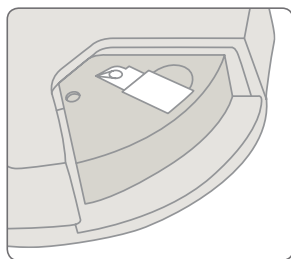
|                          |   |
|--------------------------|---|
| <b>Principle</b>         | Absorbance measurement of whole blood at an Hb/HbO <sub>2</sub> isobestic point; dual wavelengths (506 nm and 880 nm) for Hb measurement and turbidity compensation |
| <b>Calibration</b>       | Factory calibrated against the ICSH 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,<br>0–15.9 mmol/L)   |
| <b>Results</b>           | Within 10 seconds   |
| <b>Sample Volume</b>     | ~10 µL  |
| <b>Dimensions</b>        | 140×70×160 mm<br>(5.51×2.76×6.29 inches)  |
| <b>Weight</b>            | 500 g (1.10 pounds) with batteries installed  |
| <b>Storage Temp.</b>     | Analyzer: 0–50 °C (32–122 °F)<br>Microcuvettes: unopened 10–40 °C (50–104 °F); short-term storage (six weeks) –18–50 °C (0–122 °F); six-month open vial stability   |
| <b>Operating Temp.</b>   | 10–40 °C (50–104 °F)  |
| <b>Power</b>             | AC adapter or 4 AA batteries  |
| <b>Interface</b>         | Printer and HemoCue® Basic Connect™ including barcode scanner   |
| <b>Quality Control</b>   | Built-in "selftest", optional liquid controls   |



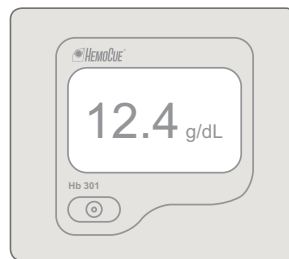
## Three Simple Steps



1 Fill microcuvette.



2 Place microcuvette into analyzer.



3 View results.

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HemoCue has been a leader in point-of-care medical diagnostics for over 30 years. We specialize in giving healthcare providers lab-quality accuracy with results comparable to that of a clinical lab.

