

# HemoCue Hb 301



The Hb 301 system for point-of-care hemoglobin measurements is a swift and effective tool for anemia testing. Based on HemoCue's original cuvette technology, the system is optimized for use in primary care and blood donation settings.

- Cost-effective – clinically accurate results at economical conditions
- Fast – results in approximately 10 seconds
- Accurate and precise – no calibration or instrument adjustment needed
- Robust – designed for high temperatures and humidity
- Hygienic – single-use cuvettes and minimal exposure to blood
- User-friendly – easy to use with little training or supervision
- Portable – battery operated

## Three simple steps



Fill the cuvette with a drop of blood, place it in the analyzer and receive a lab-quality result – in approximately 10 seconds.



## HemoCue Hb 301 specifications

**Method:** Absorbance measurement of whole blood at Hb/HbO<sub>2</sub> isobestic point

**Measuring range:** 0–25.6 g/dL (0–256 g/L, 0–15.9 mmol/L)

**Measuring time:** ~10 seconds

**Sample material:** Capillary, venous or arterial blood

**Sample volume:** 10 µL

**Analyzer:** Dual wavelengths for Hb measurement and turbidity compensation

**Quality control:** Built-in selftest, 3 levels of liquid controls available

**Interfaces:** RS 232 (printer, PC)

**Working temperature:** 10–40° C

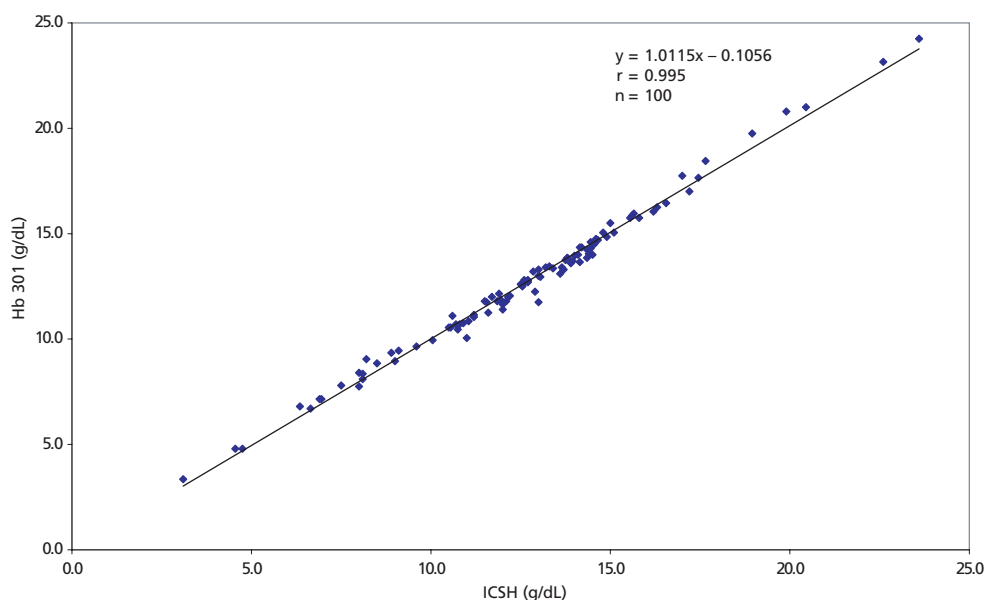
**Storage temperature:** Cuvettes: 10–40° C, short-term (6 weeks) -18–50° C.

**Analyzer:** 0–50° C

**Dimensions:** 160 × 140 × 70 mm (6.29 × 5.51 × 2.76 inches)

**Weight:** 500 g (1.10 pounds) with batteries installed

**Power:** 4 AA batteries or power adapter



Correlation between the HemoCue Hb 301 system and the ICSH (HiCN) reference method for hemoglobin.

