HemoCue

IBS GROUPE Turnkey Supplier

HemoCue® WBC System

From assessment to treatment – faster

WBC

Based on HemoCue's proven, reliable microcuvette technology, the HemoCue® WBC System brings you the unique benefit of determining total white blood cell counts right at the point of care. In just three minutes, you have results with the same precision and accuracy as those from a central laboratory.

Fitting seamlessly into a variety of clinical applications and even remote field clinics, the benefits are clear. Immediate WBC counts can mean the difference between waiting and taking action at the point of care – helping you move from assessment to treatment within minutes rather than hours or days.

Answers right when you need them

- Lab-accurate results in minutes
- Faster treatment decisions and streamlined workflow
- Easy to use by healthcare professionals and laboratory personnel
- Capillary or venous samples

Accuracy for confident decisions

- Factory calibration with no further calibration needed
- Unique software for internal QC
- Blood-based liquid controls available

HemoCue® WBC System

Specifications

Principle
Imaging system characterizing white cells that are stained and counted

Calibration
Factory calibrated; needs no further calibration

Sample material
Capillary or venous (EDTA) whole blood

Measurement range
0.3–30.0 × 10^9/L
(300–30000/mm^3, 300–30000/μL)

Measuring time
Within 3 minutes

Sample volume
10 μL

Dimensions
179 × 133 × 121 mm
(7.05 × 5.24 × 4.76 inches)

Weight
600 g (1.32 pounds) with batteries installed

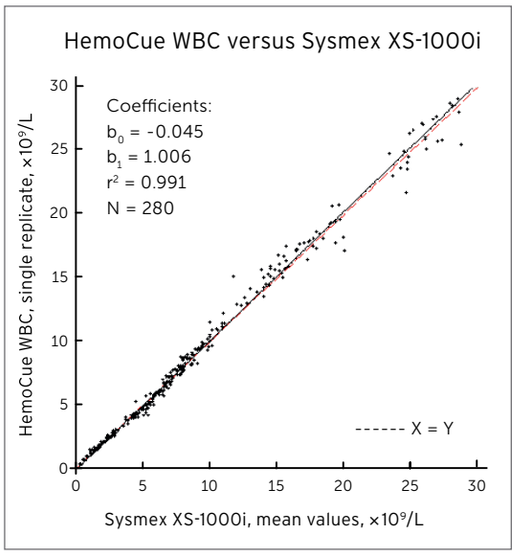
Storage temperature
Analyzer: 0–50 °C (32–122 °F)
Microcuvettes: 15–35 °C (59–95 °F),
<90% non-condensing humidity; short-term storage (four weeks, unopened) 0–50 °C (32–122 °F),
<90% non-condensing humidity;
three-month open vial stability

Operating temperature
15–35 °C (59–95 °F)

Power
Power adapter or batteries (6 AA alkaline batteries)

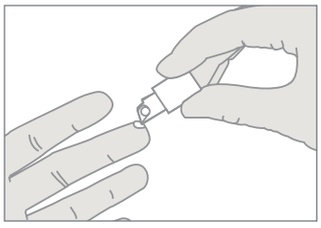
Interface
Printer and PC

Quality control
Built-in self-test; three levels of liquid controls available

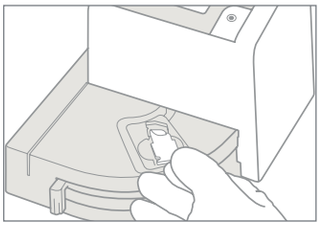


Comparison study between HemoCue WBC and Sysmex XS-1000i, venous samples.

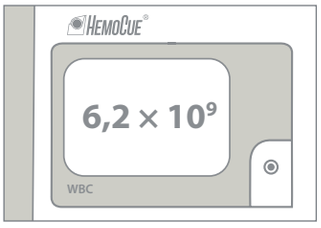
Three simple steps



1 Fill microcuvette.



2 Place microcuvette into analyzer.



3 View results.

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