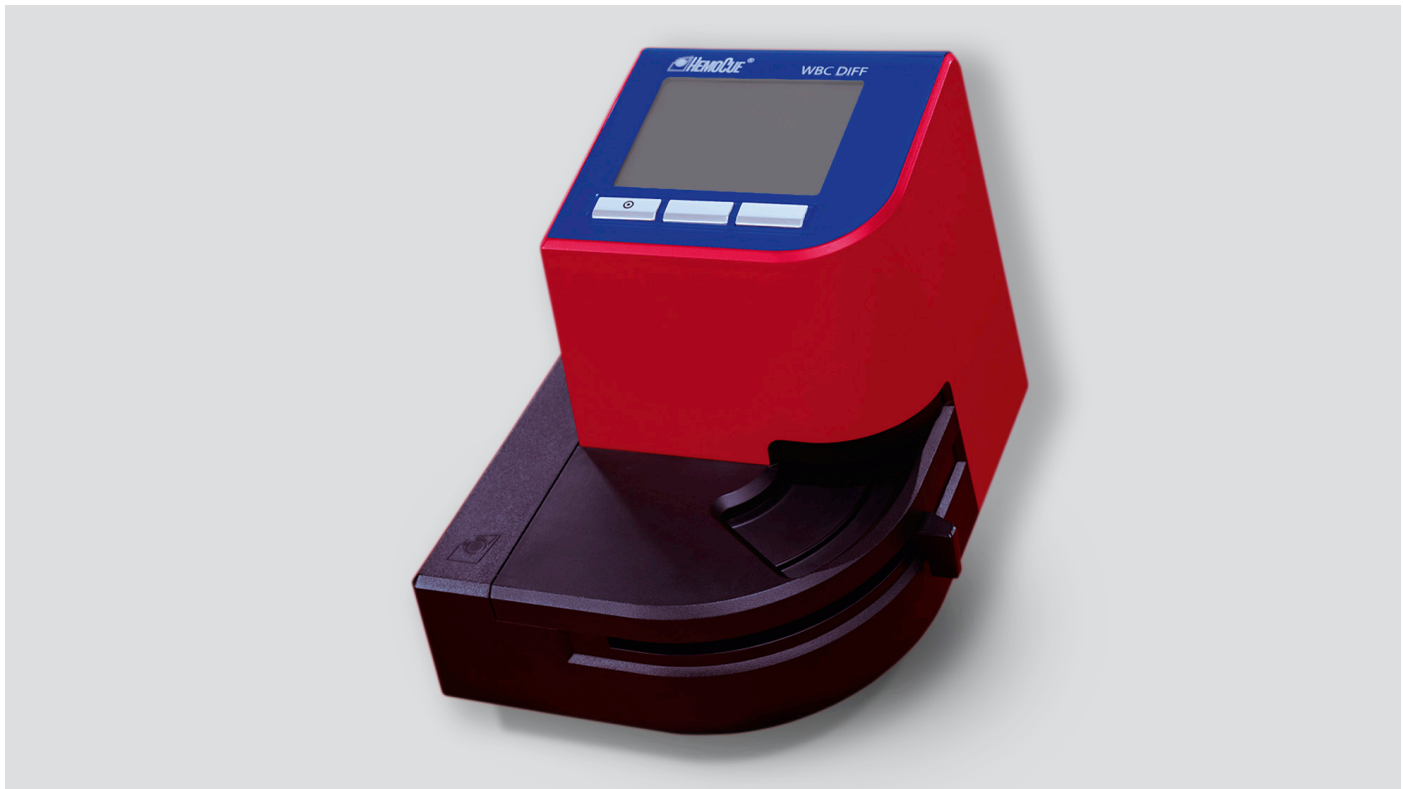


HemoCue® WBC DIFF System



The innovative difference for faster care

WBC DIFF

With groundbreaking technology, the HemoCue® WBC DIFF System makes it possible to get not only lab-accurate white blood cell counts but also five-part differentials at the point of care. In just five minutes, you have differential count of neutrophils, lymphocytes, monocytes, eosinophils and basophils.

Fitting seamlessly into a variety of clinical applications and even remote field clinics, the benefits are clear. Immediate WBC DIFF 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

- Results in just 5 minutes
- Faster treatment decisions and streamlined workflow
- Easy to use by healthcare professionals after a brief training
- Capillary or venous samples

Accuracy for confident decisions

- Factory calibration with no further calibration needed
- Unique software for internal QC
- Automatic warning for unidentified cells

HemoCue® WBC DIFF System

Specifications

Principle

Imaging system characterizing white cells that are stained, identified and counted

Parameters

Total Leukocytes (White Blood Cells) and Differential (in absolute numbers and %) for:
Neutrophils
Lymphocytes
Monocytes
Eosinophils
Basophils

Calibration

Factory calibrated; needs no further calibration

Sample material

Capillary or venous (EDTA) whole blood

Measurement range

0.3-30.0 × 10⁹/L
(300-30000/mm³, 300-30000/μL)

Measuring time

Within 5 minutes

Sample volume

10 μL

Dimensions

188 × 157 × 155 mm
(7.40 × 6.18 × 6.10 inches)

Weight

1300 g (2.87 pounds) with batteries installed

Storage temperature

Analyzer: 4-50 °C (39-122 °F)
Microcuvettes: 15-35 °C (59-95 °F), <90% non-condensing humidity; short-term storage (four weeks, unopened) 4-50 °C (39-122 °F), <90% non-condensing humidity; three-month open vial stability; single-pack microcuvettes must be used within 10 minutes of opening individual pack

Operating temperature

Venous/capillary samples in EDTA:
18-30 °C (64-86 °F)
Capillary samples from finger stick:
18-25 °C (64-77 °F)

Power

Power adapter or 6 batteries type C Alkaline, 1.5V

Interface

Printer, keyboard, barcode reader, PC

Data management

Date, time, patient ID, lab ID, operator ID, site ID, control ID

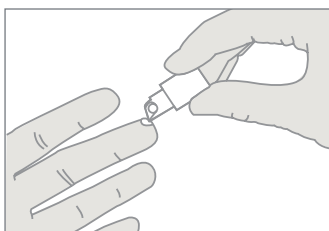
Connectivity

POCT1-A over Ethernet connection

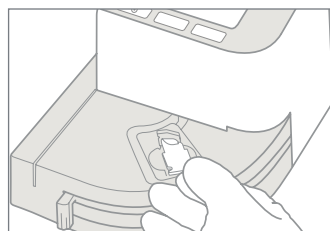
Quality control

Built-in self-test; image recognition software, warning for unidentified cells

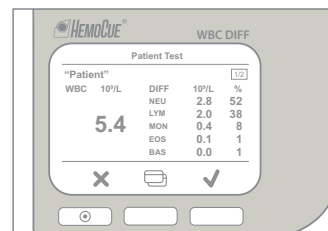
Three simple steps



1 Fill microcuvette.



2 Place microcuvette into analyzer.



3 View results.