HemoCue® WBC DIFF System

The Innovative Difference for Faster Care

With groundbreaking technology, the HemoCue WBC DIFF 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 accurate counts for 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.

Accuracy Starts With Us

Answers Right When You Need Them

- Lab-accurate results in minutes
- Faster treatment decisions and streamlined workflow
- Easy to use by non-laboratory personnel 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

To learn more about the HemoCue® WBC DIFF System, please visit hemocue.com
# HemoCue® WBC DIFF System

## 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 (300-3000/mm³, 300-3000/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 Temp.

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 Temp.

Venous/capillary samples in EDTA: 18-30 °C (64-86 °F)

Capillary samples from finger stick: 18-25 °C (67-77 °F)

## Power

AC Adapter or batteries

## 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.

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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.