



## Hemocue WBC

### Quick User Guide

*Prior to first use please read the full instruction manual*

#### The Sample

- EDTA anti-coagulated venous whole blood or fresh capillary blood (Canine- Non-anticoagulated whole blood)
- Samples should be mixed using end to end inversions at least 10 times prior to use
- EDTA samples should be tested within 24hrs of sampling, fresh whole blood samples should be tested immediately
- **Insufficient sample volume & inadequate mixing of samples will affect results**

#### Testing a Sample

1. Press and hold the power button until the display is activated (all of the symbols appear on the display)
2. The analyser performs a self-test and after approximately 10 seconds the display will show 3 flashing dashes and the Hemocue symbol.
3. If the cuvette arm is in the measuring position the most recent result will be displayed.
4. To perform a test, the cuvette moving arm should be moved to the loading position.
5. Remove a cuvette from the pot without touching the measuring area.  
**Close the pot lid immediately to avoid contamination of the remaining cuvettes.**
6. Fill the cuvette in one continuous process by placing the tip of the cuvette into the blood at a 45 degree angle.  
**Do not refill if the cuvette is not filled in one continuous process.**
7. Wipe off the excess blood from the outside of the cuvette with a clean, lint-free tissue.  
**Do not touch the open end of the cuvette.**
8. Look for air bubbles in the filled cuvette. If present, discard the cuvette and fill a new one from a new drop of blood. Small bubbles around the edge can be ignored.
9. Place the filled cuvette into the cuvette holder **no longer than 40 seconds after filling.**
10. Gently push the cuvette moving arm to the measuring position. The measurement will start automatically.
11. After approximately 3 minutes, the WBC value is displayed. The result will remain on the display as long as the cuvette moving arm is in the measurement position. **Do not remeasure the filled cuvette.**
12. Move the cuvette moving arm to the loading position. Remove the filled cuvette and dispose of it into a sharps container.
13. To switch the analyser off, hold the power button until the display reads OFF. If the analyser is operating on battery power but not being used, it will automatically turn off after approximately 5 minutes or 2 hours if AC power is being used.

#### Testing the Haematology Quality Control Solution

- Remove QC from fridge and allow it to reach room temperature (approx 20 mins)
- Mix well by inverting at least 10 times.
- Fill a cuvette and test as a normal sample.
- Compare the WBC result to the supplied range.
- **Quality Control Range: 7.5 - 9.1**

#### What if QC results are outside the normal range?

- Has the test been performed correctly?
- Has the QC solution expired or been stored incorrectly?
- Have the cuvettes expired or been stored incorrectly?
- Is the Hemocue WBC in good working order?

***Please visit our YouTube Channel for the Hemocue WBC Demonstration Video***  
**[www.youtube.com/woodleyequipment](http://www.youtube.com/woodleyequipment)**

**If you require assistance please contact your Woodley Equipment Area Account Manager or Woodley Equipment Company Technical Support Dept. on 01204 669033 option 1**

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