

Auto Hematology Analyzer Quick Operation Guide

1 Startup

1. Place the power switch on the back of the analyzer in the [I] position to start the analyzer.
2. Enter the username and password on the screen.
3. The startup initialization and cleaning procedures begin. After the procedures, you can perform operations on the user interface.

2 Daily Quality Control

Before running samples every day, run the controls in the **QC** interface. For details, see the section about quality control in **Operator's Manual**.

3 Running the Whole Blood Samples

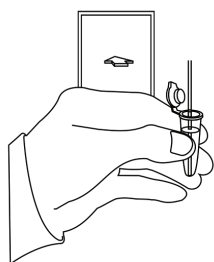
1. Click **Mode & ID** in the **Sample Analysis** screen .
2. Select **Venous Whole Blood(VWB)** or **Capillary Whole Blood(CWB)** as required.
3. Input the sample ID for the sample to be run, then click **OK**.
4. Set the well-mixed sample (uncapped) below the sample probe, press the aspirate key to start the analysis. Remove the tube when you hear a beep.

NOTE

The tube shall be placed vertically upward, not tilted or upside down.

4 Running the Predilute Samples

1. Click **Mode & ID** in the **Sample Analysis** screen.
2. Select **Predilute**, input the sample ID for the sample to be run, then click **OK**.
3. Click **Add Diluent** on the menu screen, present a clean centrifugal tube(uncapped) under the sample probe.



4. Press the aspirate key. When you hear a beep, remove the tube. If more portions of diluent are needed, take another clean centrifugal tube and repeat this step.
5. Click **Cancel** to exit the diluent dispensing.
6. Add 20μL of capillary blood to the diluent, close the tube cap and shake the tube to mix the sample.

NOTE

The centrifugal tube shall be placed vertically upward, not tilted or upside down.

7. Uncap the centrifugal tube and present it to the sample probe so that the probe tip is vertically in contact with the bottom of the tube, then press the aspirate key to start the analysis. Remove the tube when you hear a beep.

5 Shutdown

NOTE

Shut down strictly as instructed on-screen, and do the shutdown maintenance with the cleanser.

1. Click  on the menu screen, perform the shutdown procedure by following the screen instructions.
2. Turn off the power switch of the analyzer.
3. Empty the waste container and dispose of the waste properly.

6 Precautions

Troubleshooting

- If an error occurs, the error message displays at the top of the screen. To remove the error, click the error message area, and click **Remove Error**. For details, see the Troubleshooting chapter in **Operator's Manual**.
- When the analyzer prompts that the diluent is running out or waste is full (actually the diluent is enough and the waste is not full), please take out the corresponding sensor from the container to shake 2~3 times, then put it back. Click **Remove Error** to remove the error. If the error still exists, contact our customer service department.

Replacing Reagents

Once the new reagent is connected, see the section about reagent management in **Operator's Manual** for reagents replacement.

Routine Maintenance

Maintenance Scenarios	Operations
Shutdown or daily tips	Perform cleanser maintenance as instructed.
Before a short distance transport (transporting time ≤ 2h)	Perform Empty Fluidics .
Not to be used for over one week or a long distance transport (transporting time > 2h)	Perform Prepare to Ship .

Sleep

The analyzer enters sleep mode when no operations is done for a specified interval. You can touch the screen to wake up the analyzer.