



Instructions for Use

Fahes Lite™ Blood Glucose Meter

Before you start a test, please read the instructions for use carefully!

Take note of warnings and cautions throughout this User Guide!

- hypoglycemia.
- If you follow the steps in this manual but still have symptoms that do not seem to match your test results, or if you have questions, talk to your healthcare professional.
- Do not rely on the results of the meter for changing your treatment method.
- The amount of glucose in alternate sites differs from person to person.
- Compare test results between of blood glucose test meter and biochemical analyzer

The meter is corrected with plasma correction method, which helps you and your healthcare professional to compare the test results. Due to the environment, human operation and so on, there is a slight error of the test results between of blood glucose test meter and biochemical analyzer. The following condition may lead to error of test result:

(1) After just finishing meal, the test result of fingertip blood glucose is higher than that of venous blood glucose. ⁴

(2) Hematocrit of user is higher than 55% or lower than 30%

(3) User's body is dehydrated

(4) Temperature of testing environment is too high or too low, please run the meter at 5~40°C room temperature.

To obtain the accuracy close to that of biochemical analyzer, please follow the recommendations:

(1) Before going to the hospital:

Do not eat 8 hours before testing.

Take the meter to lab.

(2) In hospital:

Use the clean fingertip blood for testing.

Test with the meter according to instructions for use

9. How To Do the Test

9.1 Prepare the Lancing Device

Step 1 Wash hands and sample site with soap and warm water.

Rinse and dry thoroughly.

Prepare the lancing device carefully according to the instructions of lancing device.

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9.2 Prepare the Meter and Test Strip

Step 2

Insert a test strip with the contact bars facing upwards into the meter's test strip port. Push the strip gently until the meter beeps. The symbol will flash on the screen.



⚠️ Please check first of all that the device is complete and is not damaged in any way. In case of doubt, do not use and contact your supplier or your service centre.

⚠️ Do not allow any foreign substances, such as dirt, blood or water, enter into the meter. The meter may be damaged or occur malfunction.

⚠️ Do not apply the blood sample directly to the test strip port.

⚠️ Do not apply the blood sample to the test strip while holding the meter in a way that the tip of the test strip faces upwards. The blood sample may run down the surface of the test strip and flow into the test strip port.

⚠️ Do not store your meter in unsanitary or contaminated sites.

Step 3

After inserting the test strip into test strip port, press Up Button and Down Button to select Pre-meal (), Post-meal (), or Quality Control testing.

9.3 Apply Blood Sample

Step 4

Obtain a blood sample using the lancing device carefully according to the instructions of the lancing device. Take blood glucose measurement immediately after the sample is obtained. If the blood in the fingertip is clotted, the blood sample should be obtained using the lancing device again to ensure that the capillary whole blood samples drawn from fingertip is fresh. A minimum volume of 0.7 μ L is needed to fill the absorbent hole.

⚠️ After the symbol appears on the screen, apply the blood sample to the narrow end of the test strip till the meter beeps. If the absorbent hole is not filled in time due to abnormal viscosity (thickness and stickiness) or insufficient volume, the E-4 message will appear.

It is recommended that the application of blood sample to the test strip be performed virtually vertical to the sample site as shown in the diagram below.

If there is too much sample at first time sampling, use alcohol cotton to wipe off the excess after the sample is obtained; if there is too little sample, gently press and rub to extract blood.



Note:

(1) The meter may power off if the blood sample is not applied within 120 seconds of appearing on the screen.

(2) If the meter powers off, remove the strip and reinsert it and apply blood sample after appears on the screen.

Step 6

When the blood sample reaches to the narrow end of the test strip and the meter beeps, the display segments will rotate clockwise while the blood is going in.

The test result will appear after the meter counts down from 5 to 1.

The result will be automatically stored in the meter's memory. If the test strip is removed after the test result is displayed, the meter will automatically power off after 120 seconds.

Note:

(1) Results from alternate sites and fingertip samples may differ from each other as there is a time lag for the glucose levels to reach the same value. The Meter should be used only with fresh capillary whole blood samples drawn from fingertips.

(2) If the sample drop of blood runs or spreads due to contact with hair, do not use that sample. Try puncturing again in a smoother area.

10. How To Read Results

⚠️ Symbol smiling face appears when the blood glucose level is in the range of normal values.



Test Meter Display:

No.	Symbol Description
1	System setting: appears when in set mode of Date, Beep Volume, Alarm or Blood Glucose Unit
2	Identification code: Identify blood glucose testing status
3	Average (AVG): averages of 7 days, 14 days or 30 days
4	Battery energy: indicates meter battery is running low and needs to be replaced
5	Date: On the left side, the second and third number displays months, forth and fifth number displays day; On the right side, it displays time.
6	Smiling face: appears when the blood glucose level is in the range of normal values.
7	Crying face: appears when the blood glucose level is greater than the maximum normal value.
8	Environment Temperature
9	Quality Control Solution Mode: Appears when the control solution test results are saved or displayed
10	Post meal: used for tests done after eating
11	Alarm Setting: Appears when setting alarm
12	Pre-meal: used for tests done before eating
13	Beep Volume Setting: Appears when setting beep volume
14	Date Setting: Appears when setting date
15	Blood Insertion: indicates meter is ready for the application of blood or control solution
16	Blood Glucose Unit
17	Blood Glucose Test Value

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12. Large Blood Glucose Ranges

Reminders	Your target ranges From your healthcare professional
Time of day	
Before breakfast	
Before lunch or dinner	
1 hour after meals	
2 hours after meals	
Between 2 a.m. and 4 a.m.	

Period	Normal values	
	mmol/L	mg/dL
Pre-meal	4.0~7.0	72~126
Post-meal	4.0~10.0	74~180

Expected Values⁵: Normal blood glucose levels for an adult without diabetes are below 100 mg/dL (5.6 mmol/L) before meals and fasting and are less than 140 mg/dL (7.8 mmol/L) two hours after meals.

***Fasting** is defined as no caloric intake for at least eight hours.

Please contact your authorised meter sales representative if crying symbol appears even though you do not have hyperglycemia or hypoglycemia.

11. Lo and Hi Message

The meter displays results between 1.0~33.3 mmol/L (20~600 mg/dL).

Lo appears when the blood glucose level is lower than 1.0mmol (20 mg/dL); Hi appears when the blood glucose level is higher than 33.3 mmol/L (600 mg/dL).



14. Viewing Averages

The meter calculates and displays the averages of total test results, Pre-meal test results (), Post-meal test results ().



Long press Home button again to switch off the meter.

please do not try to disassemble, impact, throw away, fix, or alter the meter in any way.

• Use the meter carefully, heavy pressure or huge vibration may damage its internal electronic performance.

• The device will calibrate automatically, do not calibrate it manually.

• Blood glucose results can be displayed in either mg/dL or mmol/L. If you do not know which unit of measurement is correct for you, contact your healthcare professional. Using the wrong unit of measurement may cause misinterpretation of your actual blood glucose level and may lead to improper therapy.

• If your blood glucose result is displayed as LO or HI, contact your healthcare professional immediately.

• Protection impairment if used in a manner not specified by the manufacturer.

b) Do not use this instrument in proximity to sources of strong electromagnetic radiation, as these may interfere with the proper operation.

c) This equipment is designed for use in a HOME HEALTH CARE ENVIRONMENT. If it is suspected that performance is affected by electromagnetic interference, correct operation may be restored by increasing the distance between the equipment and the source of the interference.

7. Disposing of Meter and Battery, Testing Supplies

If you need to throw your meter, battery and testing supplies away, you should follow existing policies and procedures of your country or region. For information about correct disposal, please contact your local council or authority.

⚠️ During blood glucose testing, the meter itself may come into contact with blood. Used meters therefore carry a risk of infection. Before disposing the meter, move the battery or batteries.

⚠️ Disposal the lancing devices and test strips properly in an appropriate container, to prevent any infection. Used test strips may be considered biohazardous waste in your area. Be sure to follow your healthcare professional's recommendations or local regulations for proper disposal.

8. Limitations

• Blood glucose test strip (glucose oxidase method) can only use fresh fingertip whole blood drawn from fingertips, do not use venous whole blood, arterial whole blood, newborn whole blood, plasma or urine.

• Extreme thirst or severe dehydration may result in normal or hypoglycemia during measurement. If you experience these symptoms, your blood glucose test value may be incorrect, please consult your specialist or medical professional immediately.

• Do not ignore the symptoms of



After Date setting if finished, return to Setting Home Page, the Beep Setting will be selected automatically.



15.2 Beep Setting
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Press Up and Down button to switch, press Home button to confirm and enter into next setting item;



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15.3 Alarm Clock Setting
Totally 4 alarm clocks can be set to alarm regularly every day; In Alarm Clock Setting Mode,



press Up and Down button to switch clock, press Home button to edit the selected clock;



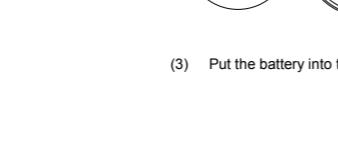
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• Select alarm clock → Turn on alarm clock → Set Hour-Minute → Finish setting
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15.4 Blood Glucose Unit Setting
After Alarm Clock Setting ends, Blood Glucose Unit symbol is located to automatically and flashes; Enter into Blood Glucose Unit Setting page, press Up and Down to select the unit (mg/dL or mmol/L), press Home button to confirm, return to Setting Home Page, the Date Setting symbol is located to all over again.



On end page press Home button to end Alarm Clock Setting, return to Setting Home Page and Blood Glucose Unit Setting is selected;

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Measurement range	20-600 mg/dL (1.0-33.3 mmol/L)
Sample volume	Minimum 0.7 μ L
Test time	5 seconds
Sample type	Fresh capillary whole blood samples drawn from the fingertips
Calibration	Plasma-equivalent
System reference	YSI 2300 Stat Plus
Measurement units	mg/dL or mmol/L
Day average	7, 14, and 30days
Auto-ejection of strip	No
Hematocrit (HCT) range	30%-55%
Shelf life of test strips	24 months
In-use stability of test strips	90 days
Code type	No code
Assay method	Electrochemical
Overvoltage category	I
Pollution degree of the intended environment	PD 2
Battery life	1,000 tests for glucose testing
Power	One 3.0 V lithium battery (Disposable, type CR2032)

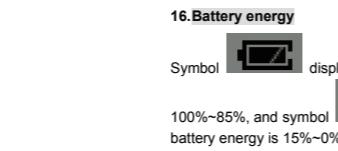
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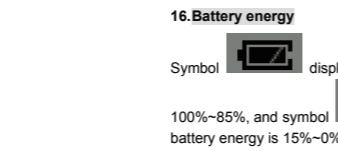
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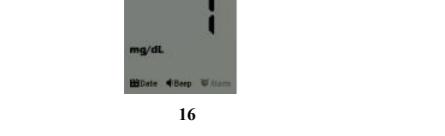


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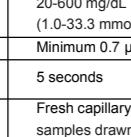


After Date setting if finished, return to Setting Home Page, the Beep Setting will be selected automatically.

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System reference	YSI 2300 Stat Plus
Measurement units	mg/dL or mmol/L
Day average	7, 14, and 30days
Auto-ejection of strip	No
Hematocrit (HCT) range	30%-55%
Shelf life of test strips	24 months
In-use stability of test strips	90 days
Code type	No code
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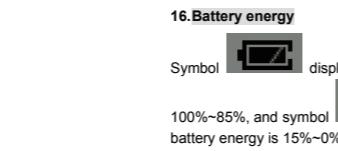
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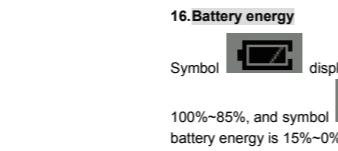
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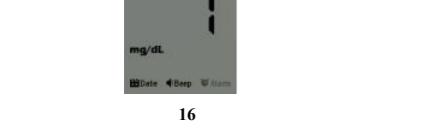


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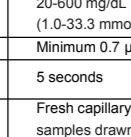


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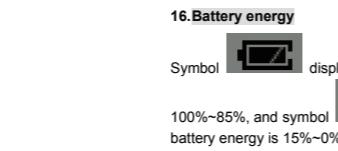
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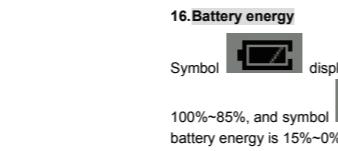
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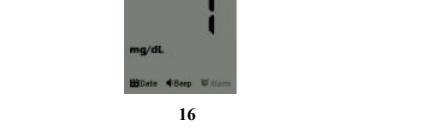


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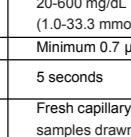


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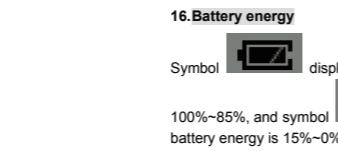
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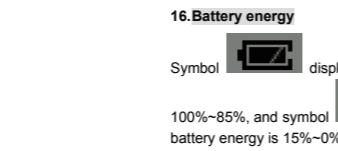
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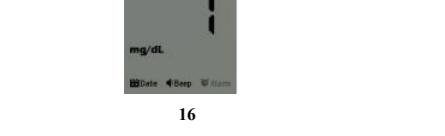


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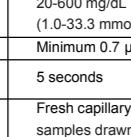


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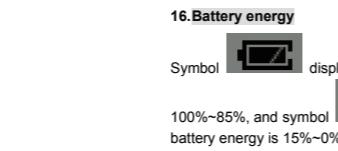
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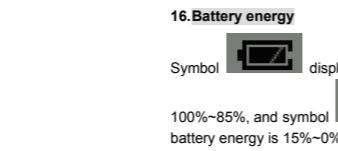
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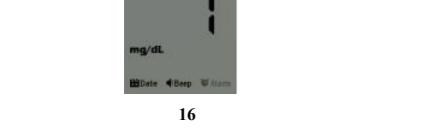


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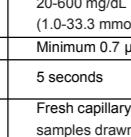


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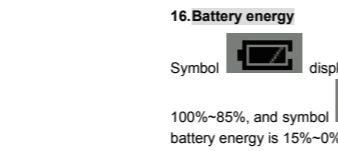
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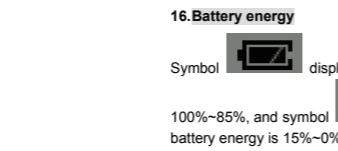
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