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REF INFM16B

IMC00630 Rev.2014-05-03

Blood Glucose Monitoring System for selftesting.

EASYGLUCO

Auto-coding™

Operation Manual

Blood Glucose Monitoring System

New bio-sensor technology :

Fast & Accurate results in 9 seconds

Auto-coding

User activity function

100 user ID function

Strip ejector function

Upgrade



infopia infopia Co.,Ltd.
www.infopia21.com

Blood Glucose Monitoring System for selftesting.

EASY^GLUCO

Auto-coding™



Dear *EASYGLUCO Auto-coding™* System Owner

Thank you for choosing the *EASYGLUCO Auto-coding™* Blood Glucose Monitoring System. This booklet has important information you must know about the *EASYGLUCO Auto-coding™* system. Please read it carefully.

We understand that self-testing of blood glucose level provides a way to control your diabetes and may give you peace of mind by testing regularly. As a result *EASYGLUCO Auto-coding™* was developed to provide you with a FAST and Accurate reading with a convenient and simple process. Our goal at *EASYGLUCO Auto-coding™* is to provide the best quality healthcare products coupled with superior customer service. Always consult with your healthcare professional before making any changes to your diabetes management. The *EASYGLUCO Auto-coding™* System is for in vitro diagnostic use only.

A warranty registration card is included with your system. Please complete the three year warranty card and send it to us. This will ensure that you receive any new information about your *EASYGLUCO Auto-coding™* System. If you have any questions, please contact your local representative.

This is intended only for quick reference!

Before using the *EASYGLUCO Auto-coding™* Blood Glucose Monitoring System, read all of the operating instructions in this Operation Manual.



- 1** Insert the *EASYGLUCO Auto-coding™* test strip. Code number is automatically displayed. Compare with code number printed on test strip vial. If not identical discard the test strip and restart.



- 2** Collect blood sample



- 3** Apply blood sample until confirmation window is completely filled. Meter automatically begins to countdown. If the countdown does not start, do not add more blood to the test strip! Discard the test strip a restart testing.



- 4** Test results appear in 9 seconds.

The *EASYGLUCO Auto-coding™* Blood Glucose Monitoring System is intended for use outside the body (in vitro diagnostic use only). It should be used only for testing blood glucose and only with fresh capillary whole blood samples. It should not be used for the diagnosis of diabetes.

Consult your physician or diabetic healthcare professional about daily management of your diabetes and proper use of the glucometer.

Please pay close attention when handling blood. Improper procedures may cause serious hazards to your health.

The *EASYGLUCO Auto-coding™* Blood Glucose Monitoring System contains small parts. Please keep your monitoring system out of reach of children

Note

< Maintaining the *EASYGLUCO Auto-coding™* blood glucose test meter >

1. Do not assemble or disassemble the blood glucose test meter.
2. It will have to keep in the place where the water does not reach.
3. Avoid getting dirt and moisture.
4. It does not have to keep in storage place of the chemicals or the place where gas etc occurs.
5. Keep out of direct sunlight.

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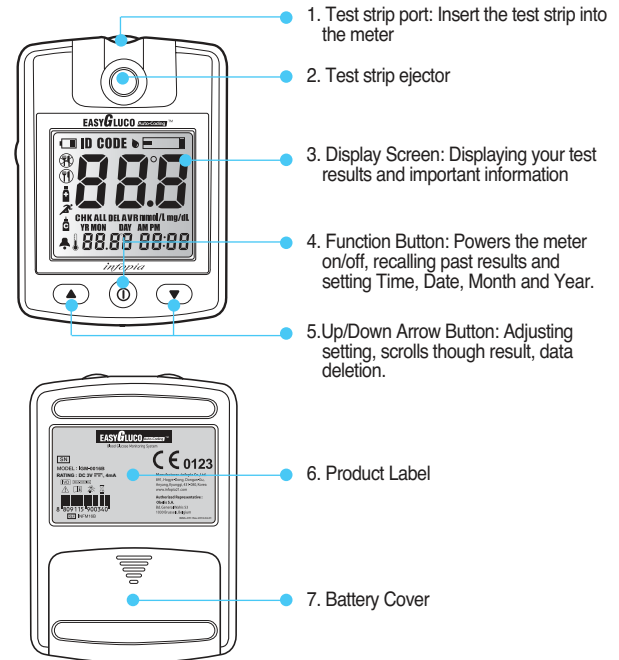
EASYGLUCO Auto-Coding™ Blood Glucose Monitoring System KIT Contents



1. EASYGLUCO Auto-coding™ Meter
2. EASYGLUCO Auto-coding™ Test strips
3. Lancing Device
4. infolet sterile lancets
5. Operation Manual
6. Warranty Registration Card
7. Patient Logbook
8. Two 3V Li-CR2032 batteries
9. Carrying Case

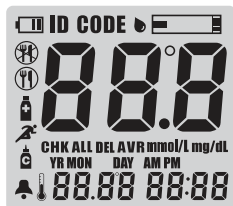
Your EASYGLUCO Auto-coding™ Blood Glucose Monitoring System has been sealed and should contain all of the parts shown above. Please return the system to the place of purchase or contact your nearest EASYGLUCO Auto-coding™ representative if the container seals are broken or parts are missing.

EASYGLUCO Auto-Coding™ Blood Glucose Meter



CAUTION

1. Do not use EASYGLUCO Auto-coding™ blood glucose test meter in a dry environment, especially if synthetic materials are present. Synthetic clothes, carpets, etc., may cause damaging static discharges in a dry environment.
2. Do not use EASYGLUCO Auto-coding™ blood glucose test meter near cellular or cordless telephones, walkie talkies, garage door openers, radio transmitters, or other electrical or electrical equipment that are sources of electromagnetic radiation, as these may interfere with the proper operation of the blood glucose test meter.



 Low Battery Warning Symbol

ID User ID Symbol

CODE Strip Code Symbol

 Blood drop symbol for test

 Alarm Symbol

 Before Having a Meal

 After Having a Meal

 After Sports Activity

 After Taking Medication

 **YR DAY MON** Temperature / Date

88.88 Time / Test Result Amount

mmol/L mg/dL Test Result Unit Symbol

 Control Solution Symbol

AVR Average Test Result System

ALL DEL Delete results

CHK Troubleshooting Symbol

EASYGLUCO Auto-coding™ test strips are to be used with *EASYGLUCO Auto-coding™* and *EASYGLUCO™* meters only.

Apply Blood Target

Confirmation Window



Contact Bar

Storage and Handling Caution

1. Keep out of direct sunlight.
2. Store the *EASYGLUCO Auto-coding™* Test Strip vials in a cool, dry place between 2-30°C. Do not freeze.
3. Make a notation of the discard date on the vial label when you first open it. Discard remaining *EASYGLUCO Auto-coding™* Strips 3 months after first opening the vial.
4. Close the vial cap tightly immediately after removing a *EASYGLUCO Auto-coding™* test strip.
5. Do not use test strips after the expiration date printed on the package or vial since it may cause inaccurate results.
6. Avoid getting dirt, food or water on the test strip. Do not bend, cut, or alter the *EASYGLUCO Auto-coding™* Strip.
7. *EASYGLUCO Auto-coding™* test strips are for single use only.
8. Keep the test strip bottle away from children.
9. Please refer to the user's manual for *EASYGLUCO Auto-coding™* blood glucose test strip for additional information.

Important **EASYGLUCO** Auto-Coding™ Test Strip Information

Limitations of Blood glucose measuring system :

The blood glucose test Strips provide accurate results when the following constraints are observed :

- Use the **EASYGLUCO Auto-coding™** blood glucose test strips with the **EASYGLUCO Auto-coding™** blood glucose test meter or **EASYGLUCO Auto-coding™** blood glucose test meter.
 - Use fresh capillary whole blood only.
 - Do not use neonate samples.
 - The blood glucose test strips are for single use only. Do not reuse.
 - Dehydration may lower test results.
 - Inaccurate results may occur when in shock, hypotensive, hyperglycemic, or hyperosmolar state, with or without ketosis.
 - Blood glucose test strips used above altitudes of 10,000 feet will have an effect on test results.
- Doctors - Please note the following interferences that may affect test results :
- **EASYGLUCO Auto-coding™** test strip results can be used with hematocrit levels in the range of 20% to 60%. If the hematocrit range is out of the range(20%~60%), then the test results may be lower or higher than actual value.
 - If you do not know your hematocrit level, consult your healthcare professionals.
 - Interferences : Acetaminophen, Uric acid, Ascorbic acid (Vitamin C), and other reducing substances when occurring in normal blood or normal therapeutic concentrations do not significantly affect results. However, abnormally high concentrations in may cause inaccurately high results.
 - Lipemic samples; Cholesterol up to 500 mg/dL or triglyceride up to 3000 mg/dL do not significantly affect the results. Values beyond these levels should be interpreted with caution.
 - Blood samples that contain a high concentration of dissolved oxygen may lower the test result.

Performance Characteristics :

The performance of the blood glucose test strips has been evaluated in laboratory and in clinical tests.

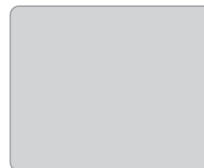
Note : For detailed performance results, please refer to **EASYGLUCO Auto-coding™** strip instruction for use

Measurement Range : The measurement range of the **EASYGLUCO Auto-coding™** Blood glucose measuring system is 10 to 600 mg/dL.

EASYGLUCO Auto-Coding™ Before Testing - Setting the Meter

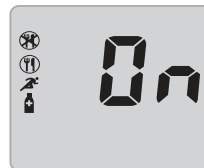
The **EASYGLUCO Auto-coding™** has a variety of excellent functional modes and options:

Up to 5 alarms at planned testing times, unique User ID option, ability to designate activities related to the test result, and the ability to designate three different numbers of days for average calculation.



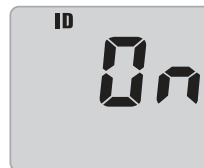
power on

➔ Press ① for 3 seconds at least



User Activity option

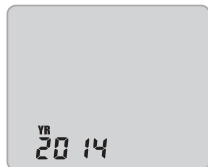
➔ After pressing and releasing either ▲ or ▼ buttons to turn the user Activity option on/off, confirm with ①.



User ID option

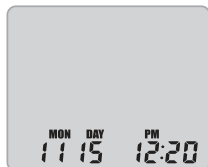
➔ After pressing and releasing either ▲ or ▼ buttons to turn User ID option on/off, confirm with ①.

EASYGLUCO^{Auto-Coding™} Setting the Meter



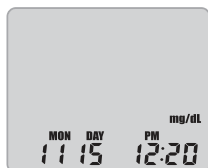
Year

- ➔ After pressing and releasing either ▲ or ▼ buttons to set the year (from 2008 to 2099), confirm with ①.



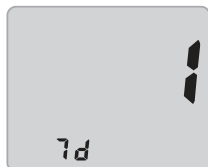
Date / Time

- ➔ After pressing and releasing either ▲ or ▼ buttons to set the date and time, confirm each with ①.



Test unit

- ➔ Press and release either ▲ or ▼ buttons to set the test unit (mg/dL or mmol/L), confirm with ①.



Number of days for average

- ➔ After pressing and releasing either ▲ or ▼ buttons to set the number of days for average calculation (3 different possible), confirm with ①.

EASYGLUCO^{Auto-Coding™} Setting the Meter



Alarm on/off

- ➔ After pressing and releasing either ▲ or ▼ buttons to turn the alarm on/off, confirm with ①.



Alarm time

- ➔ After pressing and releasing either ▲ or ▼ buttons to set the alarm hour and minute, confirm with ①.



Alarm

- ➔ After programming the number of desired alarms (5 alarms possible), confirm with ①.

Caution

1. ****VERY IMPORTANT:** Correct test unit.
Your *EASYGLUCO Auto-coding™* Meter is pre-set to mg/dL as test unit. A wrong test unit will lead to wrong test result display! Please consult your healthcare professional if you're not sure which test unit to use. Stored test results are displayed correctly after re-setting the test unit. See also conversion table on page 38
2. Without setting the date properly, the average glucose level and the results in memory will not show proper values. It is recommended to set the meter before use and when new batteries are installed.
3. You can't test your blood glucose while in the setting mode.
4. To turn the meter off during setup, press ① for at least 3 seconds

EASYGLUCO Auto-Coding™ Automatic code recognition



1. *EASYGLUCO Auto-coding™* has automatic code recognition function.



2. It recognizes automatically the code number. This is a very convenient function preventing the inconvenience of setting the code number on the meter every time.

Caution

1. Do not bend the test strip to prevent the Automatic code recognition failure.
2. If the code recognition label is damaged, the code recognition may fail. Please check the code number on the LCD display window with the code number on the test strip vial.

Checking the system with the EASYGLUCO Auto-Coding™ control solution

Checking the system with the *EASYGLUCO Auto-coding™* control solution

The *EASYGLUCO Auto-coding™* Control Solution is used to check that the meter and the test strips are properly working together to provide you with the most accurate reading.

Note : In order to perform the more accurate glucose control solution test, you can use the control solution 3 different levels – low, normal and high. You can buy each *EASYGLUCO Auto-coding™* control solution (low, normal and high levels) separately, please consult your local distributor about control solutions.

Control Solution Test can only be used with the *EASYGLUCO Auto-coding™* System and should be used during the following cases:

- When a new vial of test strips is opened.
- Any suspicion that the meter or test strips are not working properly.
- When your blood glucose test results are not consistent with your symptoms, or if you think they are not accurate.
- If you drop the meter.
- Use routinely to obtain accurate results.

When the control solution is applied to the top edge of the *EASYGLUCO Auto-coding™* Test Strip, you should get results within the expected range printed on the label of the test strip vial. If the control solution test results fall outside the range, repeat the test. Results that fall out-side the range may be caused by:

- Error in performing the test.
- Failure to shake the control solution vial well enough (must shake vigorously).
- Failure to discard the first drop of control solution.
- Expired or contaminated control solution.
- Test Strip deterioration.
- Meter malfunction.
- Control solution that is too warm or cool.

CAUTION

1. If your glucose control solution falls out of range, do not perform a glucose test and please contact Infopia customer support. (www.infopia21.com)
2. The glucose control solution range is not the recommended range for your blood glucose level.
3. Discard the used control solution and test strips carefully. Contact your Healthcare Provider for instructions on disposal.

Checking the system with the **EASYGLUCO** Auto-Coding™ control solution

Testing procedure

1. Prior to use, shake the bottle gently several times.
2. Invert bottle and discard the first drop of control solution.
3. Wipe the dispenser tip clean.
4. Test strip is inserted fully into the test slot of the **EASYGLUCO Auto-coding™** meter.
5. Be sure the code number appearing on the LCD window matches the test strip code on the strip vial.
6. When the strip sign blinks, press ▲ or ▼ button once. The symbol  for control solution measuring process appears. Effect: The result is marked.
7. Hold the control vial at an angle with the tip near the end of the test strip. Gently squeeze the vial and form a small drop. Pick up the meter and touch the end of the test strip to the hanging drop. Be sure to hold the test strip to the drop until the “beep” sounds.
8. After the “beep” sound, wipe the rest of the drop with tissue or cotton gauze. If the drop is taken back into the control vial, it is possible to contaminate the whole vial of control solution!
9. The displayed test result should be within the range printed on the test strip vial.

Second application tip : Place a drop on clean aluminum foil, glass or plastic plate and touch the end of the test strip to that drop. This method is more favorable, in preventing contamination to the whole vial of control solution

IMPORTANT NOTE : If the **EASYGLUCO Auto-coding™** Control Solution test results, continuously, falls outside the range printed on the vial, the **EASYGLUCO Auto-coding™** system may not be functioning properly. DO NOT use the system to test your blood until you get a control solution test result that falls within the range. If you continue to have problems, call your Customer Support and Service.

In the User ID option is activated, the control solution test result is stored, but can only be recalled after deactivating the User ID option.

EASYGLUCO Auto-Coding™

Testing Your Blood - Preparation

Before testing, be sure to read this section and test strip package insert found in the test strip box carefully. Make sure you have all the necessary items to begin the test:



1. **EASYGLUCO Auto-coding™** Meter
2. **EASYGLUCO Auto-coding™** Test Strip
3. Lancing Device
4. Sterile lancets

Caution

To reduce risk of infection :

1. The lancing device and sterile lancets should NOT be shared with others.
2. Always use a new, sterile lancet and a new strip
3. Practice using the Lancing Device and become accustomed with its use.
4. Lancets and strips are for single use only.
5. Wash your hands with warm, clean water and soap before testing.
6. Avoid getting hand lotion, oils, dirt or debris on the lancets or on the lancing device.
7. Dry your hands completely before testing.
8. Sterile lancets are for single use only. Do not reuse.
9. Sterile lancets is used with a spring-operated lancing device
10. Sterile lancets sterilized using gamma irradiation. After opening, exposed parts should not be touched or put on the floor to prevent contamination.

EASYGLUCO^{Auto-Coding}TM

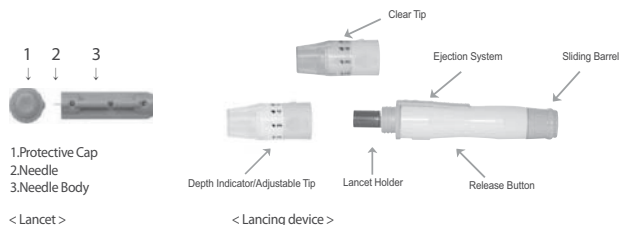
Collecting a Drop of Blood

The lancing device is a convenient medical tool for collecting capillary blood samples for glucose monitoring or other tests which require one or two drops of blood. As a more advanced lancing device, it provides ultimate safety and comfort for obtaining blood samples. An adjustable tip offers 5 levels of skin penetration for individual user's comfort and a lancet ejector enables the safe disposal of the used lancet. As an added bonus, the also comes with a transparent tip for AST (Alternative Site Testing).

PRECAUTIONS

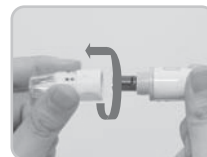
- Never use a lancet that has been used by someone else. This could lead to contamination.
- If the lancing device is to be used by another person, the unit must be properly disinfected and a new tip and lancet must be used.
- Do not leave the lancet in the device after use.
- A new lancet must only be placed into the lancing device directly before testing.
- This device has many small parts and could be a choking hazard for children if swallowed.
- In the case of hospital use, hospitals need to consult their own infection control protocols in order to avoid any contamination.
- Always dispose of the used lancet in a biohazard garbage container.
- Sterile lancets are used with a spring-operated lancing device.

COMPONENTS



EASYGLUCO^{Auto-Coding}TM

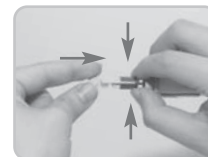
Collecting a Drop of Blood



1. Unscrew the tip of the lancing device by turning it counter-clockwise while holding the base firmly.



2. With two fingers, pull out the lancet carrier and hold it in place.



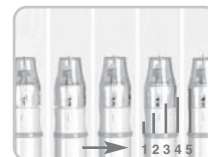
3. While holding the lancet carrier, insert a new sterile lancet into the bottom of lancet carrier.



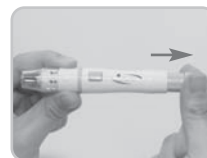
4. Twist the cap of the lancet off.



5. Put the tip of the lancing device back on and turn it clockwise.



6. Adjust clear tip to the highest setting. Hold the clear tip down against a fleshy area on the alternative site. Press the release button. Do not lift up.



7. Hold the tip firmly in one hand then pull out the sliding barrel with the other hand. This will cock the lancing device.



8. Place the lancing device in place. Hold the firmly against the side of the finger, with the cap resting on the finger. (The harder it is pressed the deeper the puncture.) Press the release button to take a sample.



9. Unscrew the tip of the lancing device by turning it counter-clockwise.



10. Push the lancet ejector forward with the thumb and simultaneously pull out the sliding barrel to dispose of the used lancet in a proper biohazard container.

EASYGLUCO Auto-Coding™ Collecting a Drop of Blood

Disposing of your lancet



1. Push the needle into the protective cover.



2. Pull the lancet out and discard accordingly.

Recommended Available Lancing Device

infopia, infolet sterile Lancet is used with a Lanzo Lancing device.

Note : Please, contact your supplier to make sure you are using proper Lancing device.

STORAGE

- The lancets must be stored at room temperature (2~30℃) protected from sunlight or moisture
- High temperature, high humidity should be avoided, should be kept well-ventilated place.
- It expires 5 years after sterilized packing using gamma irradiation.

EASYGLUCO Auto-Coding™ Test Procedure



Step 1

Firmly insert the *EASYGLUCO Auto-coding™* test strip into *EASYGLUCO Auto-coding™* Meter test port. Insert down firmly in direction of arrow on test strip (arrow up). Please do not insert the test strip upside down. When you insert the test strip into the meter, the power automatically turns on with the code and temperature. After 3 seconds, the code number and testing temperature will disappear. When the strip sign blinks, apply your blood to the test port of strip.

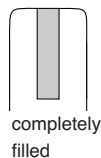
Note : Inserting the test strip in the wrong direction will turn the meter on, but you will be unable to test.

Caution

1. If the code is not displayed after 3 seconds, pull the test strip out of the port, and re-start the procedure from the beginning.
 2. If the code on the LCD display window and on the test vial does not match, try another new strip. If the mismatch persists, please contact your local representative for help.
 3. If the meter does not power on, pull the test strip out of the port, and re-insert the test strip.
 4. Avoid testing under direct sunlight, for a more accurate test result.
 5. If you apply your blood sample too early, ERROR5 message will appear on LCD (refer to p33).
- For a more accurate test result avoid testing under direct sunlight.

EASYGLUCO^{Auto-Coding}TM Testing Procedure

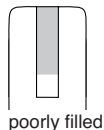
Correct : Completely filled



correct



Incorrect : Poorly filled



incorrect



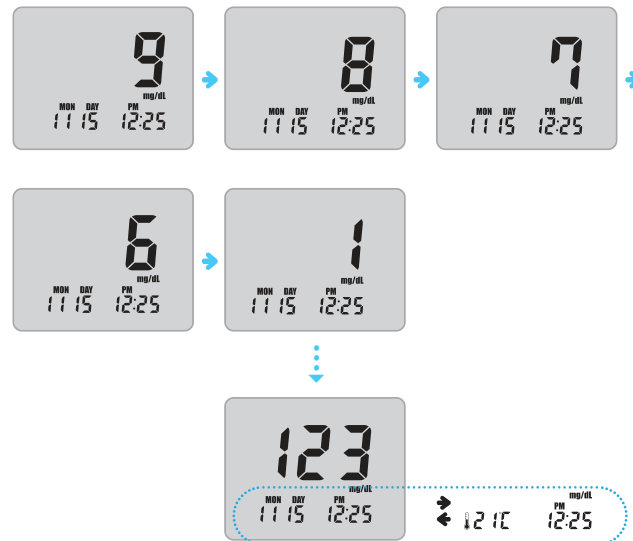
Step 2

Place your fingertip to the top edge of *EASYGLUCO Auto-coding*TM Test Strip. The blood on your finger will automatically draw into the applying channel of the test strip. Allow your finger to remain until you hear a “beep” sound from the *EASYGLUCO Auto-coding*TM Meter. A sample volume of 1.5µl is required.

Caution

1. If the countdown does not start, do not add more blood to the test strip! Discard the test strip and restart testing.
2. If you do not conduct the test within 3 minutes, the meter will automatically power off to save battery life. In this case the test procedure should start again from the beginning.

EASYGLUCO^{Auto-Coding}TM Testing Procedure



Step 3

After the beeping sound, the test will begin automatically and your results will appear in 9 seconds. It should begin counting down from 9 to 1 second on the LCD display window. The LCD window will display the result of your blood glucose level, temperature and time.

Record the result value in your logbook. When test strip is removed, the meter turns off automatically.

Caution

1. If the test result is out of the test range, the Hi/Lo message will be shown on the LCD. (refer to p34)
2. Safely discard used test strip and lancet, to a proper place, according to the local regulation.

EASYGLUCO^{Auto-Coding}TM

Testing Procedure

Testing Your Blood - Case of activated User Activity option and User ID option



Step 4-1

If you selected to use the User Activity option during set up, press up and down button to select the activity that correlates with your result (refer to p10), then press **①**.

If you do not select to use user activity option during set up, press **①** to continue to step 4-2.



Step 4-2

If you selected to use the User ID option during setup, press **▲** and **▼** button to select the correct User ID, then press **①**.

caution

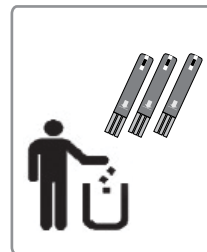
1. If you did not activate the User Activity option and/or the User ID option, Step 4-1 and/or Step 4-2 procedures are not conducted.
2. Although User Activity option and/or User ID option are activated, if you pull the test strip out right after the test, you can not move onto step 4. The test result is stored, not under a specific User ID and only displayed after deactivating the User ID option.
3. Please refer to page 13, if you want to set the User Activity option and User ID option.

EASYGLUCO^{Auto-Coding}TM

Test strip ejector function



1. After checking your test result, slide the ejector button twice forward to remove the test strip from the meter.
2. Discard the used strip and lancet to a proper place, according to the local regulation.



1. Once the test is complete, pull the Blood glucose test strip forward to remove the Blood glucose test strip from the *EASYGLUCO Auto-coding*TM Blood glucose test meter.
2. Dispose of used Blood glucose test strip in a sealed container with your household waste in accordance with local regulations

Caution

1. If you push the ejector button forward too much, it may be part of the failure.
2. Do not give strong impact to blood glucose test meter.

EASYGLUCO Auto-Coding™ Reviewing your results

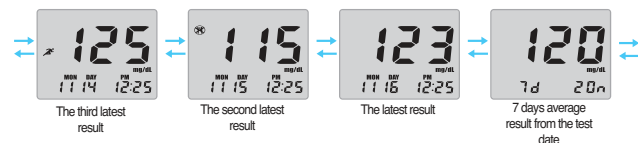
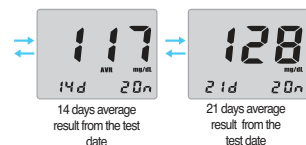
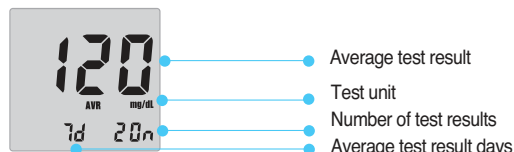
The **EASYGLUCO Auto-coding™** saves up to 365 test results in its built-in memory and records the average glucose level for the number of days which you had preset to be calculated and saved. These values can be recalled in the LCD display at any time. The newest result will replace the oldest beyond the 365 data stored.

Press **⏮** shortly

If the User ID option has been disabled during setup the newest data will appear immediately.

You can check your individual data of the latest 3 days and average over previously set up 3 different numbers of average days through pressing **▲** / **▼** button.

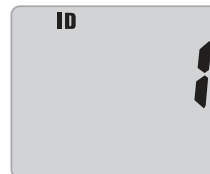
Ex>



Press down button: displaying the previous result

Press up button: displaying the 7d → 14d → 21d average test result

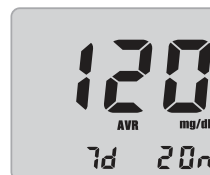
EASYGLUCO Auto-Coding™ Reviewing your results with activated user ID



Pressing the **⏮** button once and the User ID option will appear in the LCD screen.



After entering the user ID mode, use **▲** and **▼** button to scroll and choose the correct user ID, then press the **⏮** button.



* If you choose the User ID to check the stored results, only the results of the selected user are displayed.

EASYGLUCO Auto-coding™ has the deletion function.



deleting individual test result

To delete any individual test result in the memory press ▲ or ▼ button for 3 seconds, while the test result to delete is displayed. **dEL** is blinking. After the second beep sound the test result is deleted.

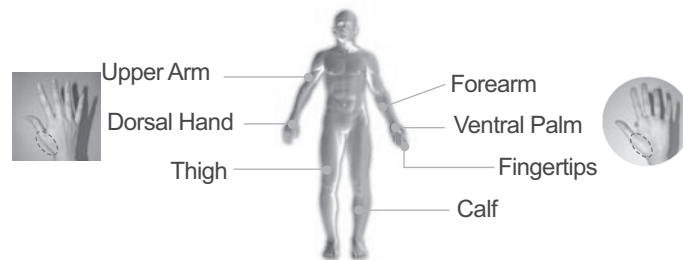


deleting all test results

To delete all test results press ▲ and ▼ button at the same time for 3 seconds, while any test result is displayed. **dEL** is blinking. After the third beep sound all test results are deleted.

caution

1. Only selected Individual test results are deleted when you recalled test results in the user ID condition
2. The deleted test results can't be recovered. Please be careful in deleting the test results.



Important Information About Using Alternative Sites Testing :

- Alternate sites where you can test are dorsal hand, ventral palm, upper arm, forearm, calf, and thigh.
- Under certain conditions, blood glucose test results obtained using samples taken from your alternate sites may differ significantly from fingertip samples
- The conditions in which these differences are more likely to occur are when your blood glucose is changing rapidly such as following a meal, as insulin dose, or associated with physical exercise.
- When blood glucose is changing rapidly, fingertip samples show these changes more quickly than alternate sites samples.
- When your blood glucose is falling, testing with a fingertip sample may identify a hypoglycemic (low blood glucose) level sooner than a test with a alternate sites sample.
- Use alternate sites samples only for testing prior to or more than two hours after meal, insulin doses, or physical exercise.
- Testing performed within two hours after meals, insulin doses, or physical exercise or whenever you feel that your glucose levels may be changing rapidly should be done from the fingertip.
- You should also use fingertip testing whenever you have a concern about hypoglycemia (insulin reactions) such as when driving a car, particularly if you suffer from hypoglycemic unawareness (lack of symptom to indicate as insulin reaction), as forearm testing may fail to detect hypoglycemia.

Important :

We recommend that you test on your fingertips if you are testing for hypoglycemia (low blood glucose) or if you are suffering from hypoglycemia unawareness.

Performing a Blood Test Using and Alternate Site



Performing a Blood Test Using an Alternate Site To ensure accurate results when lancing your forearm, upper arm, hand, thigh, or calf, wash the test site with soap and water.

Make sure there is no cream or lotion on the test site. Thoroughly dry your hands and test site.

USING THE CLEAR TIP (AST)

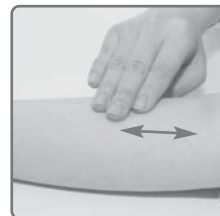
1. Place the lancing device on the skin in the chosen area, press and hold it continuously for a few seconds. Then, push the release button to take a sample.
2. Watch through the clear tip until a sufficient blood sample is taken. If there is not enough blood, gently massage the area until a sufficient sample has been collected.

caution

•To receive accurate test results, at least 1.0 μ l minimum sample volume is required.

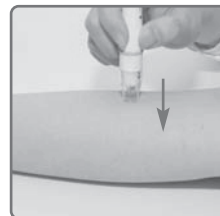
Performing a Blood Test Using and Alternate Site

To bring fresh blood to the surface of the test site, rub the test site vigorously for a few seconds until you feel it getting warm.



Lance the test site with the lancing device:

1. Hold the clear cap down against the top of your test site. Press the release button. Do not lift up.
2. Continue to hold the lancing device and gradually increase pressure for several seconds.
3. While holding the lancing device on your test site, look through the clear cap; until a drop of blood appears approximate *size
4. Lift the lancing device straight up; be careful not to smear the blood on your testing site.
5. Place the edge of the blood glucose test strip to the drop of blood.
6. The blood will automatically draw into the channel of the blood glucose test strip.

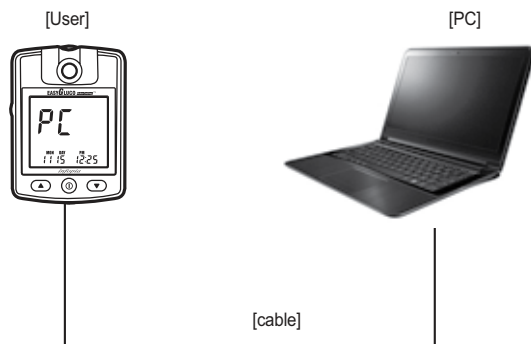


You may get an inaccurate result if the blood sample is not completely filled in a single action.

You can transfer test results from the *EASYGLUCO Auto-coding™* meter to a computer where the data can be further analyzed.

You can download for free the *EASYGLUCO Auto-coding™* Blood Glucose Program at our web site <http://www.infopia21.com>

* Please use the exclusive USB cable provided by infopia



Cleaning your meter and maintenance

For safe, accurate and long-lasting use of the *EASYGLUCO Auto-coding™* Meter, the meter must be maintained with proper cares

1. The meter should be cared for after testing and cleaned if necessary with a soft cloth or tissue. If necessary, rubbing alcohol can be used to wipe away dirt on the outer surface of the meter. Do not use chemical solutions such as benzol or acetone since both of these solutions can harm and damage the meter surface. When cleansing the meter with rubbing alcohol, DO NOT pour directly onto the meter, but use the cloth soaked with a small amount of alcohol. After cleansing the meter, dry completely at a cool place avoiding the sun rays.
2. Do not soak the meter and test strip into water or liquid. Use as properly as you can. Strong electromagnetic fields (e.g. mobile phones, microwave ovens) could disturb the meter function. Do not put the meter and strip near fire or microwave ovens.
3. After testing, place the *EASYGLUCO Auto-coding™* Meter in the carrying case to prevent loss or damage. Make sure it is placed in a cool and dry area and out of the reach of children. Do not refrigerate. Avoid exposure to sun.
4. Close the vial cap tightly immediately after removing a *EASYGLUCO Auto-coding™* strip. Please refer to your *EASYGLUCO Auto-coding™* strip instruction if you want to get more information.
5. The lancing device should be cleaned if blood or stain remains after to prevent infectious diseases.
6. When you need to purchase the lancing device, the lancets and test strip visit your local pharmacy or contact your local representative.
7. Discard used materials according to the local regulations for contaminated materials.
8. The blood glucose measuring meter could be sent back to the manufacturer for recycling or proper disposal after their useful lives. Alternatively the meter shall be disposed in accordance with national laws after their useful lives.
9. If *EASYGLUCO Auto-coding™* meter is not working properly, clean photo sensor with alcohol gauze after opening the ejector cover. Opening the photo sensor cover may affect the sensor performance, for which it is strongly recommended not to do open the cover for other purposes than cleaning

The battery shortage mark will appear in the middle left part of the LCD screen to alert you when the battery power is running low, indicating a new battery is needed. The *EASYGLUCO Auto-coding™* meter will not power on when the battery power is exhausted.

Your *EASYGLUCO Auto-coding™* meter uses two 3V Lithium battery (CR2032). The batteries are included in the set box. When replacing the batteries, only CR2032 or equivalent lithium batteries can be used.

Before replacing the batteries, make sure your meter is in the "OFF" position for meter safety. When changing your batteries, match the polarity symbols (+ or -) printed on the battery deck of the meter to the symbols on the face of the battery.

Disposal of meter and batteries

Disposal of meter:

The meter must be disposed of according to the local regulations concerning the disposal of electrical and electronic equipment.

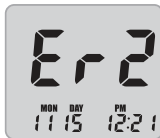
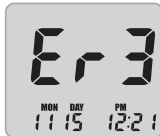
The Waste Electrical and Electronic Equipment(WEEE) regulation implement provisions of the European Parliament and Council Directive 2012/19/EU aimed to reducing the amount of EEE waste going for final disposal.

The manufacturer, has specific instructions for the recovery of the meter. Please contact your distributor.

Disposal of batteries :

Please recycle or dispose of used batteries using your local battery collection systems and in compliance with your local environmental laws and regulations. Batteries contain chemicals that, if released, may affect the environment and human health. The crossed-out wheeled-bin symbol indicates the need for the separate collection for batteries.

The following chart may help you identify certain problems, but may not solve all problems that can occur. Contact your authorized representative or customer support if the problem persists.

Message	Caused by	What to do
	General Problem with the meter	Repeat the test after installing the battery again and setting the meter. If the problem persists, please contact your authorized representative or customer support.
	Error message caused by either a used of wet test strip	Please insert a new test strip and perform your test again.
	Problem with the test strip	Please insert a new Blood Glucose Test Strip and perform your test again. If Er 3 message persists, please contact your local representative. If blink with "Sun" avoid to the direct sunlight and retest.

Message

Caused by

What to do



Problem with the test strip

Insert a new test strip. If Er4 message persists, please contact your authorized representative or customer support.



The blood sample was applied before the (blood insertion picture) symbol appeared on the display (refer p21).

Repeat the test with new test strip. Apply blood only after the (blood insertion picture) symbol appears on the display.



The ambient temperature is too low

Place the meter within the operating temperature range for more than 10 minutes and retest.

Message

Caused by

What to do



The ambient temperature is too High

Place the meter within the operating temperature range for more than 10 minutes and retest.



The test result is lower than 10 mg/dl (0.6 mmol/L)

Check the accuracy of your test strip by performing a control solution test. After, re-test with blood sample two or three times. When "Lo" message persists, please consult a doctor for assistance.



The test result is higher than 600mg/dl (33.3 mmol/L)

Check the accuracy of your test strip by performing a control solution test. After, re-test with blood sample two or three times. When "Hi" message persists, please consult a doctor for assistance.

Problem	Caused by	What to do
The meter does not power on	Batteries are dead or there is a problem with the meter	Change the battery and if the problem persist, contact your local representative.
Test does not start after applying blood sample	Poor amount of blood sample	Please insert a new test strip, and perform your test again, applying sufficient amount of blood sample.
The result is inconsistent	There may be a problem with the test strip Coding failure	Please insert a new test strip, and perform your test again. Confirm that the code on the meter matches with the code on the test strip vial. If the code does not match, contact your local representative.

Measurement Range :

The measurement range of the *EASYGLUCO Auto-coding™* systems is 10 to 600 mg/dL (0.6 - 33.3 mmol/L).

Test Principle :

Glucose in the blood sample will react to the electrodes in the test strip, generating an electrical current that will stimulate a chemical reaction. This reaction is measured by the *EASYGLUCO Auto-coding™* Meter and displayed as your blood glucose result.

Note: Different levels of reactions will occur depending on the amount of glucose in the blood sample.

Calibration :

The *EASYGLUCO Auto-coding™* system is plasma-calibrated to allow easy comparison of results with laboratory methods.

Accuracy :

Studies have shown that the test results of *EASYGLUCO Auto-coding™* systems compare well with laboratory methods.

Precision :

The precision of *EASYGLUCO Auto-coding™* System has been assessed by studies in accordance with ISO 15197.

Results for venous blood samples and Control solutions :

Within Run Precision	Blood φ	43 mg/dL	2,39 mmol/L	SD = 1.4	CV = 3.4%
	Blood φ	91 mg/dL	5,05 mmol/L	SD = 2.2	CV = 2.4%
	Blood φ	145 mg/dL	8,05 mmol/L	SD = 4.2	CV = 2.9%
	Blood φ	223 mg/dL	12,38 mmol/L	SD = 7.7	CV = 3.4%
	Blood φ	360 mg/dL	19,98 mmol/L	SD = 6.4	CV = 1.8%
Total Precision	Control φ	41 mg/dL	2,28 mmol/L	SD = 1.5	CV = 3.8 %
	Control φ	113 mg/dL	6,27 mmol/L	SD = 3.0	CV = 2.7 %
	Control φ	328 mg/dL	18,20 mmol/L	SD = 9.3	CV = 2.9 %

EASYGLUCO^{Auto-Coding}TM

Technical Specification

Sample type	Capillary whole blood
Sample volume	1.5 µl
Test Range	10-600 mg/dL (0.6-33.3mmol/L)
Reading time	9 seconds
Calibration	Plasma - Equivalent
Operating Temperature	10-40 °C (50-104°F)
Operating Humidity	10-90%
Strip storage temperature	2-30 °C (35.6-86°F)
Display Type	LCD
Dimension	77 x 46 x 19 mm
Weight	42g (including battery)
Power source	3 V Li Battery (CR2032) x 2
Battery Life	Running 5,000 tests
Memory Capacity	365 test results
PC communications port	Communication is available to connect computer with cable

EASYGLUCO^{Auto-Coding}TM

Conversion table mmol/L <=> mg/dL

mmol/L	0,55	1,0	1,5	2,0	2,2	2,5	2,8	3,0
mg/dL	10	18	27	36	40	45	50	54
mmol/L	3,3	3,9	4,0	4,4	4,7	5,0	5,5	6,0
mg/dL	60	70	72	80	85	90	100	108
mmol/L	6,1	6,7	7,0	7,2	7,5	7,8	8,0	8,3
mg/dL	110	120	126	130	135	140	145	150
mmol/L	8,9	9,0	9,4	10,0	10,5	11,0	11,1	12,5
mg/dL	160	162	170	180	190	196	200	216
mmol/L	13,9	14,4	15,0	16,0	16,6	17,0	18,0	19,0
mg/dL	250	260	270	288	300	306	325	340
mmol/L	20,8	22,2	23,0	24,0	25,0	26,4	27,7	30,0
mg/dL	375	400	414	432	450	475	500	600

Three - Year Warranty

If, at any time during the first three years after purchase the meter does not work for any reason with the exception of obvious abuse, misuse, or disastrous damage, Infopia Co.,Ltd. will replace your *EASYGLUCO Auto-coding™*, Meter or equivalence free of charge.

The Warranty Policy of Infopia Co.,Ltd. only applies to the original purchaser of the Meter and will not include the batteries supplied with the Meter set.

Please fill in the warranty card attached to the set.
Mail or fax it back to us.

The *EASYGLUCO Auto-coding™*, Meter has a full three-year warranty from the original date of your purchase. For your convenience, please include your date and place of purchase.

Symbol	Description
	Consult instructions for use
	Expiry date
	This product fulfills the requirements of Directive 98/79/EC on in vitro diagnostic medical devices
	Caution, consult accompanying documents
	In vitro diagnostic device
	Batch code
	Reference number
	Temperature limitation
	Do not re-use
	Date of Manufacture
	Manufacturer
	Keep away from sunlight
	Self-testing Used
	Waste electrical and electronic equipment
	Biohazard
	Waste batteries and accumulators
	Authorised representative in the European community

