

REALIZING THE VISION OF A BETTER TOMORROW™



# **INSTRUCTION MANUAL**

Model GMM 0001 and ILP 0001

# PLEASE READ BEFORE USE

# Blood Glucose MANAGEMENT SYSTEM

IDEAL LIFE Gluco-Manage

\*NOTE: The IDEAL ILFE Gluco-Manager™ is intended for use in the quantitative measurement of glucose in fresh capillary whole blood from the finger and the following alternative sites: the palm, the forearm, the upper-arm, the calf and the thigh. It is intended for use by adults with diabetes mellitus in a non-clinical environment such as in the home, as an aid to monitoring the effectiveness of a diabetes control program. It is not intended for the diagnosis of, or screening for, diabetes mellitus and not intended for use on neonates. The alternative site testing can be used only during steady-state blood glucose conditions.

Version 1.0 March 2007



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# Introduction

### **Preface**

Thank you for purchasing the IDEAL LIFE Gluco-Manger™, or GMM 0001 and IDEAL LIFE Pod™, or ILP 0001. This completely automatic system measures your blood glucose, captures subjective information and manages everything automatically so that you can better manage your blood glucose with your care provider. Your measurement reading is clearly displayed on a large screen on the IDEAL LIFE Gluco-Manager™ after each measurement, and later stored for a more detailed analysis in the form of tables for easy viewing and graphs for easy interpretation. Your new IDEAL LIFE Gluco-Manager™ provides you with accurate, whole blood test results for blood glucose. The system is compact with convenient operation so it is simple to use.

The IDEAL ILFE Gluco-Manager™ is intended for use in the quantitative measurement of glucose in fresh capillary whole blood from the finger and the following alternative sites: the palm, the forearm, the upper-arm, the calf and the thigh. It is intended for use by adults with diabetes mellitus in a non-clinical environment such as in the home, as an aid to monitoring the effectiveness of a diabetes control program. It is not intended for the diagnosis of, or screening for, diabetes mellitus and not intended for use on neonates. The alternative site testing can be used only during steady-state blood glucose conditions.

The IDEAL LIFE Gluco-Manager™ can be used alone to measure your blood glucose.

If you would like to transmit blood glucose information for display on a personal computer, the optional IDEAL LIFE  $Pod^{\mathbb{M}}$  can be purchased.

**CAUTION:** Before using any product to test your blood glucose, read all instructions thoroughly and practice the test. Do all quality control checks as directed and consult with a diabetes healthcare professional. For proper interpretation of blood glucose measurements, make sure to consult a physician.

#### **Contraindications**

\*\*Warning: This system is designed for use outside the human body. It is not recommended for use on infants and is not intended for and should not be used to try and measure the blood glucose of infants as it may not be accurate and/or relied upon.

Do NOT use the device for purposes other than measuring blood glucose.

This unit does not serve as a cure of any symptoms or disease. The data measured are only for reference. Always consult your physician to have the results interpreted.

#### Introduction

#### **Precautions**

- Do not drop this unit. Please avoid strong impact. Disassembly or modification of the unit may lead to permanent reading error.
- The device might not meet its performance specifications if stored or used beyond the specified temperature and humidity ranges.
- Operating conditions: 10°C 40°C, below 85% RH
- System storage: 4-40°C, below 85% RH
- Be sure to keep this manual for future reference
- NOTE: Before using any product to test your blood sugar (blood glucose), read all instructions and practice the test. Do all quality control checks as directed and consult with a diabetes healthcare professional.

### Important Information

- · Severe dehydration and excessive water loss may cause false low results. If you believe you are suffering from severe dehydration, consult a healthcare professional immediately.
- Test results below 60mg/dL (3.3 mmol/L) indicate hypoglycemia, or low glucose. Test results higher than 240 mg/dL (13.3 mmol/L) indicate hyperglycemia, or high glucose. Consult your physician when one of these results is shown repetitively.
- If you are experiencing symptoms that are not consistent with your blood glucose test results and you have followed all instructions described in this owner's manual, call your healthcare professional.
- Inaccurate results may occur in severely hypotensive individuals or patients in shock. Inaccurate low results may occur for individuals experiencing a hyperglycemic-hyperosmolar state, with or without ketosis. Critically ill patients should not be tested with blood glucose meters.
- Please refer to your test strip package insert for additional important information.
- Always follow the operation procedures described in the manual in order to obtain correct results.

For any questions or comments, please call an IDEA LIFE™ customer representative at 1-888-IDEAL-41 (888-433-2541)



#### **About Alternative Site Testing (AST)**

# **About Alternative Site Testing** (AST)

IMPORTANT: There are limitations for doing alternative site testing (AST). Please consult your healthcare professional before you do AST.

#### What is AST?

Alternative site testing (AST) means that people use parts of the body other than fingertips to check their blood glucose levels. This system provides you to test on your forearm, upper arm, calf, or thigh with the equivalent results to fingertip testing.

## What is the advantage?

Fingertips feel pain more readily because they are full of nerve endings (receptors). At other body sites, since nerve endings weren't so condensed, you won't feel as much pain as at the fingertip.

### When to use AST?

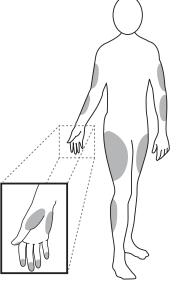
Food, medication, illness, stress and exercise can affect blood glucose levels. Capillary blood at fingertip reflects these changes faster than capillary blood at other sites. Therefore when testing blood glucose during or immediately after meal, physical exercise, or any other event, take blood sample from your finger only.

We strongly recommend you do AST in the following intervals:

- In a pre-meal or fasting state (more than 2 hours since the last meal).
- 2 hours or more after taking insulin.
- 2 hours or more after exercise.

#### Do NOT use AST if:

- You think your blood glucose is low.
- You are unaware of hypoglycemia.
- Your AST results do not match the way you feel.
- You are testing for hyperglycemia.
- Your routine glucose results are often fluctuating.
- You are pregnant.





#### **About Alternative Site Testing (AST) / Contents**

### How to increase the accuracy?

Stimulating blood perfusion by rubbing the puncture site prior to blood extraction has a significant influence on the glucose value obtained. Blood from the site without rubbing exhibits a measurably different glucose concentration than blood from the finger. When the puncture site was rubbed prior to blood extraction, the difference was significantly reduced.

Please follow the suggestions below before getting a drop of blood:

- Rub the puncture site about 20 seconds before penetration.
- Use a clear cap (included in the kit) instead while setting the lancing device.

# **Package Contents**

Your IDEAL LIFE Gluco-Manager™ GMM 0001 Blood Glucose Monitoring System consists of three main products: a blood glucose meter, test strips, and control solution. These products have been designed, tested and proven to work together as a system to produce accurate blood glucose test results. Use only the same brand-name test strips and control solution with the IDEAL LIFE Gluco-Manager™.

**YOUR SYSTEM INCLUDES:** 

**GMM 0001 IDEAL LIFE GLUCO-MANAGER™** 





25 TEST STRIPS



INSTRUCTION **MANAUL** 



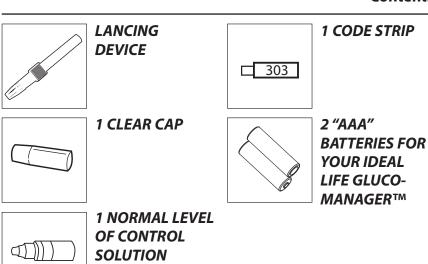
**25 STERILE LANCETS** 



**CARRYING BAG** 



#### **Contents**



There are 3 levels for control solutions: low, normal and high. Please note that the other two levels are optional and are not included in the standard kit. Please call 1-888-IDEAL-41 (888-433-2541) for availability.



### ILP 0001 IDEAL LIFE POD $^{\text{TM}}$ (\*An optional accessory, sold separately)

.....



**AC ADAPTER** 



**TELEPHONE LINE CORD** 

Check your system to be sure that it is unopened prior to use and that it contains all parts listed above. If either of these conditions occurred, please return your system to the place of purchase.

#### Requirements

# Requirements

#### **MODULAR JACK REQUIREMENTS**

When using your IDEAL LIFE Gluco-Manager™ with an IDEAL LIFE Pod™, you will need an RJ11 type modular jack, which is the most common type of phone jack and might look like the one pictured here. If you don't have a modular jack, call your local phone company to find out how to get one installed.



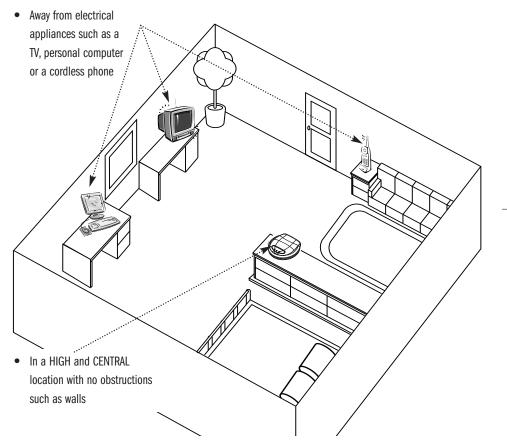
#### ADDITIONAL BATTERIES AND OTHER ITEMS

You may wish to use rechargeable batteries in your IDEAL LIFE Gluco-Manager™. The IDEAL LIFE Pod™ is equipped to recharge batteries. If you wish to connect using devices other than your IDEAL LIFE Pod™, you will require a Bluetooth® enabled cellular phone or device (both not provided). If you do not have a Bluetooth® enabled cellular phone or are unsure if you cellular phone is Bluetooth® enabled, contact your local cellular phone provider. For further details, please see below or call IDEAL LIFE INC. directly.

#### **IDEAL LIFE Pod™ Location/Interferance**

# IDEAL LIFE Pod™ Location/Interferance

When using an IDEAL LIFE Pod™ to communicate information from your IDEAL LIFE Gluco-Manager™, wireless radio waves are used. For maximum distance and interference-free operation, the recommended IDEAL LIFE Pod™ location is:

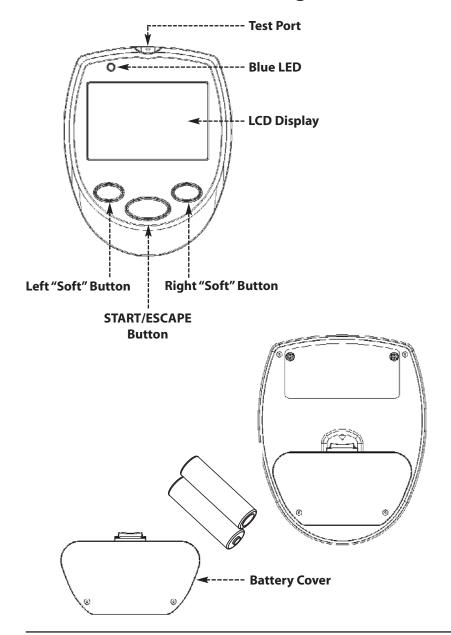


#### **NOTE:**

While using an IDEAL LIFE  $Pod^{TM}$ , the telephone line will be in use. If the telephone line is in use before using your IDEAL LIFE  $Pod^{TM}$  and you wish to use your IDEAL LIFE  $Pod^{TM}$  while the telephone line is being used, the unit will not be able to make a connection and will store the information in your IDEAL LIFE Gluco-Manager<sup>TM</sup> for later transmission.

# **Before You Start**

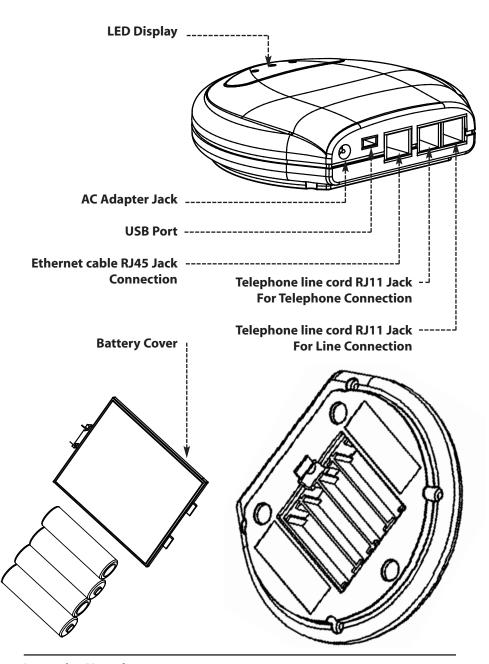
# Your IDEAL LIFE Gluco-Manager™



#### **Before You Start**

# Your IDEAL LIFE Pod™

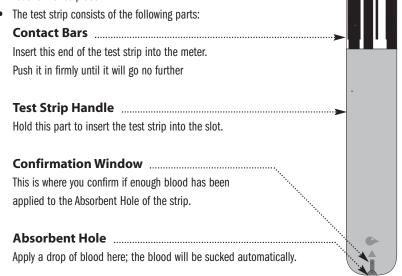
(\*An optional accessory, sold separately)



#### **Before You Start**

### **Test Strip Description**

• Your system measures the amount of sugar (glucose) in whole blood. Blood is applied to the absorbent hole of the test strip and is automatically drawn into the reaction cell where the reaction takes place.



Refer to the section below: "Taking Your Blood Glucose Reading," for complete instructions.

## **Important Test Strip Information**

- Store test strip packages in a cool, dry place below 40°C (104F). Keep away from direct sunlight and heat. Do not refrigerate.
- Store your test strips in their original vial only; do not transfer them to a new bottle or any other container.
- After removing a test strip from the vial, immediately replace the vial cap and close it tightly.
- With clean, dry hands, you may touch the test strip anywhere on its surface when removing it from the vial or inserting it into the meter.
- Use each test strip immediately after removing it from the vial.
- Write the discard date on the vial label when you first open it. Discard remaining test strips and the vial 90 days after first opening date.
- Apply only blood sample or control solution to the absorbent hole. Applying other substances to the absorbent hole will cause inaccurate results.
- Do not use test strips beyond the expiration date printed on the package since they may cause inaccurate results.
- · Do not bend, cut or alter a test strip in any way.



! FOR YOUR IDEAL LIFE Pod™!

# Connecting your IDEAL LIFE Pod™ USING AN RJ11 JACK CAUTION!

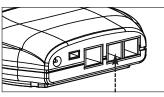
- Unplug phone cord from wall before installing, plugging in an external power source, or changing batteries.
- Never install telephone wiring during a lightning storm.
- Never touch uninsulated telephone wire or terminals, unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

Plug one end of the telephone line cord (provided) into the jack on the back of your IDEAL LIFE Pod™ marked LINE.

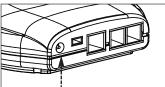
Note: The IDEAL LIFE  $Pod^{TM}$  is designed not to draw power from the batteries when the AC adapter is in use.



Plug the other end of the telephone line cord (provided) into a modular wall jack.



If you wish to use the same modular wall jack for your IDEAL LIFE Pod™ and your telephone, connect the telephone line cord from your telephone into the jack on the back of your IDEAL LIFE Pod™ marked PHONE.



Connect the small end of the power supply into the power AC jack on the back of the IDEAL LIFE Pod™ marked POWER. Plug the other end into an AC power outlet.

Your IDEAL LIFE Pod™ will automatically power up once it is plugged in to an AC power outlet.



#### RECHARGING BATTERIES WITH YOUR IDEAL LIFE POD™:

- Remove the battery compartment door on the bottom of your IDEAL LIFE Pod™ by pushing gently in the direction shown on the battery cover.
- Place the rechargeable batteries as marked.
- Replace the battery compartment door and push the compartment door shut in the opposite direction shown on the battery cover.
- When using rechargeable batteries with your IDEAL LIFE Gluco-Manager™, simply place them in your IDEAL LIFE Pod™ for 10 hours to recharge when battery status is low as indicated on your IDEAL LIFE Gluco-Manager™

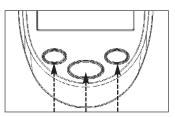
### **Powering Up Your IDEAL LIFE** Gluco-Manager™ **INSTALLING THE BATTERIES (INCLUDED)**

- Remove the battery compartment door on your IDEAL LIFE Gluco-Manager™ by lifting the battery door using the notch
- Place the batteries as instructed on the device
- Replace the battery compartment door and click into place
- NOTE: Replacing the battery does not affect previous test results stored in memory of the meter. However, the time and date settings may need to be updated if batteries are not in the device for an extended period of time. Use only new batteries of the required size and the recommended type. For best performance and the longest life, alkaline batteries are recommended. Do not mix different type, date or brand name batteries together. Be sure to follow the instructions when installing the batteries. Since batteries can leak Chemicals that damages electronic parts, leaving the battery in the housing for a long period without using the device may damage the main unit. Please remove the batteries if you are not going to use the device for an extended period of time (i.e., 3 months or more). The batteries should be kept away from small children as they pose a choking hazard. If swallowed, promptly see a doctor for help.



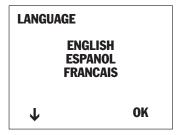
# FIRST TIME POWER UP AND ACTIVATION WHEN USING AN IDEAL LIFE POD™ (\*an optional accessory, sold separately)

To use the IDEAL LIFE Gluco-Manager™ with your IDEAL LIFE Pod™ you must call an IDEAL LIFE customer representative to activate. Make sure to call IDEAL LIFE before you begin. Then make sure that the IDEAL LIFE Pod™ is connected to a telephone line cord and RJ11 jack, and "Powered ON"!



Hold down any button on your IDEAL LIFE Gluco-Manager™ for 3 seconds to Power up

READ THROUGH THE IDEAL LIFE INC. TERMS
AND CONDITIONS FIRST, THEN PROCEED
AND FOLLOW THE PROMPTS ON THE
SCREEN AS SHOWN HERE:



First select the appropriate language using the buttons labeled • and OK.

Then Answer the question on the following screen regarding terms and conditions using the YES and NO labeled buttons.

PLEASE CALL 888-IDEAL-41 TO ACTIVATE

OK

To gain full advantage of all the features your IDEAL LIFE Gluco-Manager™ has to offer, you will need to LINK your IDEAL LIFE Gluco-Manager™ and IDEAL LIFE Pod™. To ensure that your IDEAL LIFE Gluco-Manager™ and IDEAL LIFE Pod™ are LINKED properly, you will need to call IDEAL LIFE directly to activate. To ensure that the steps are followed correctly, you should first setup your IDEAL LIFE Pod™, power it up, and then begin the steps of powering up your IDEAL LIFE Gluco-Manager™. During

your activation call with IDEAL LIFE, an IDEAL LIFE customer representative will verify your IDEAL LIFE Gluco-Manager™ and IDEAL LIFE Pod™ ID numbers. and you will be ready to take full advantage of all your IDEAL LIFE Gluco-Manager™ has to offer. For a detailed description of all the features and functions continue to the FUNCTIONS section of this manual.

#### **CALIBRATION**

When using the system for the first time, or before using a new vial of test strips, you need to do calibration, which can be easily done by inserting the code strip into the meter. It is important to make sure that the code displayed on the LCD is the same as the code printed on the test strip vial before you proceed. ONLY TEST BLOOD GLUCOSE WHEN THE CODES ARE IDENTICAL, SO THE TEST RESULTS WILL BE ACCURATE. Please calibrate the meter according to the following steps.

#### STEP 1. Enter the Code Mode

Start with the meter turned off. Insert a test strip to turn on the meter. "CH" and " will appear. Next, the ambient temperature and then the code number will appear.

#### **STEP 2 Match the Code Numbers.**

Compare the code number on the meter display with the code number on the test strip vial. If the two code numbers match, you may begin testing. If not, follow Step 3.

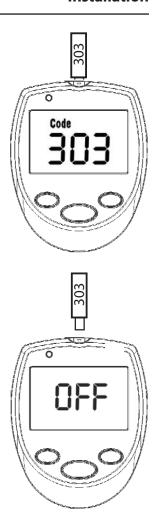


#### **STEP 3 Code the Meter**

With the meter off, insert the code strip and the code number will appear on the display. Then remove the code strip and "OFF" will appear.

This tells you that coding is complete.

You can start testing now.



#### **CAUTION!**

If the code number displayed on the meter does not match the number printed on the vial, test results will be wrong.

#### ABOUT CONTROL SOLUTION

Control solutions contain a known amount of glucose that reacts with test strips. By comparing your control solution test results with the expected range printed on the test strip vial label, it is able to check that the meter and the test strips are working together as a system and that you are performing the test correctly. It is very important that you do this simple check routinely to make sure you get accurate results.

#### How often should the control solution test be performed?

- When you use this system to test your blood for the first time, practice the procedure using control solution. When you can do three tests in a row that are within the expected range, you are ready to test your blood.
- · Routinely check the meter and test strips, so perform a single test for each level of control solution at least once a week

#### When should the control solution test be performed?

- When you first get your IDEAL LIFE Gluco-Manager™
- When you begin using a new vial of test strips.
- Whenever you suspect that the meter or test strips are not working properly.
- When your blood glucose test results are not consistent with how you feel, or when you think your results are inaccurate.
- When your test strips are expeose to extreme environmental conditions (See "Important Test Strip Information" below)
- · When you want to practice running the test.
- If you drop the meter.

#### IMPORTANT CONTROL SOLUTION TEST INFORMATION

- · Use the same branded control solutions as the test strips
- Check the expiry date on the control solution vial. Do not use if expired.
- Control solution, meter, and test strips should come to room temperature (20°C - 25°C / 68°F - 77°F) before testing.
- Shake the vial before use. Discard the first drop of control solution. After squeezing, wipe off the dispenser tip to avoid contamination. The above tips ensure you get a good sample and an accurate result.
- Use a period of 90 days from the date that you first open it. Record the discard date (date opened plus 90 days) on the control solution vial. Discard after 90 days.



• Store the control solution tightly closed at temperature below 30°C (86°F) and do not refrigerate.

NOTE! The control solution range printed on the test strip vial is for appropriately branded control solution only. It is used to test meter and test strip performance. It is not the recommended range for your blood glucose level.

#### **HOW TO DO A CONTROL SOLUTION TEST?**

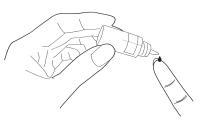
#### Step 1. Insert a Test Strip

After the " • " symbol appears on the display, press the Left Soft Button to allow for the screen to display CTL. With CTL on the screen, the meter will not store your test result in memory. If you decide not to perform a control solution test, press the Left Soft Button and the CTL screen will disappear.

NOTE! Every time you perform a control solution test, you must enter into the "CTL" test mode so that the test result will not be stored in the meter memory.

#### **Step 2. Apply Control Solution**

Shake the control solution vial well. Remove the cap. Squeeze the vial, discard the first drop, and wipe off the dispenser tip. Squeeze the vial again to get another drop and place the drop on your finger tip first. Then, apply the drip to the absorbent hole of the test (where it meets the narrow channel) until the drop is



drawn into the test strip and the confirmation window is filled. The meter begins to count down.





CAUTION! To avoid contaminating the control solution with the content of the test strip, you have to place a drop of control solution on a clean surface or on your finger tip first. Do not directly apply control solution into a strip.

#### Step 3. Display test result

After counting to 0, the control solution test result appears. Compare the result with the range printed on the test strip vial. The result should fall within this range.



#### **Out of Range Results**

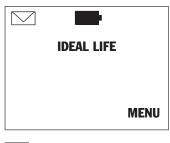
If test results fall outside the range printed on the test strip vial, check the "Problem Solving Guide," below and repeat the test. IF you continue to get out of range results, it means that the system may not be working properly. Do NOT test your blood. Contact an IDEAL LIFE™ customer representative at 1-888-IDEAL-41 (888-433-2541) to resolve the issue.

IDEAL LIFE Gluco-Manager™

# **Functions**

# (when using the IDEAL LIFE POD™, an optional accessory sold separately)

### **Main Screen**



The Main Screen is your default screen. This is where you will be directed to after completing functions and where you will find status indicators for the functioning of your IDEAL LIFE Gluco-Manager™.

In the upper middle portion of the display you will find a battery icon, displaying power status of your IDEAL LIFE Gluco-Manager™

Indicates full power

Indicates power is getting low, you should change your batteries

Indicates that your blood pressure measuring function has been turned off.

Replace your batteries immediately.

In the upper right corner of the display you will find an icon representing a reception/transmission meter. This icon represents connectivity to an IDEAL LIFE Pod™.

NOTE: The reception/transmission icon will not be displayed if TRANSMISSION is turned off (see TRANSMISSION section below for details).

If you have unread messages, you will see an envelope icon on the upper left corner of the display.



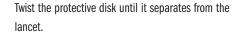
# **Taking Your Blood Glucose Reading**

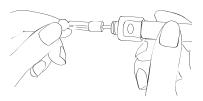
Be sure to read this section and any inserts found in the test strip box carefully before taking a reading.

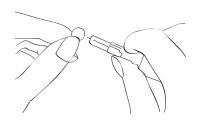
#### **GETTING A DROP OF BLOOD**

### Step 1. Insert a Lancet in the **Adjustable Lancing Device**

Twist the lancing device cap to remove it. Insert a lancet into the lancet holder and push down firmly until it is fully seated. Do not twist the lancet.





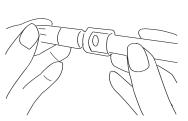


#### **WARNING!** To reduce the chance of infection:

- Never share a lancet or the lancing device with anyone.
- Always use a new, sterile lancet. Lancets are for single use only.
- · Avoid getting hand lotion, oils, or debris in or on the lancets and the lancing device.

Replace and screw the lancing device cap until it is snug but not too tight.

The adjustable tip offers 5 levels of skin penetration. To select the desired depth, twist the adjustable tip in either direction until the number lines up with the Arrow. To select the best depth: 1-2 for soft or thin skin, 3 for average skin, 4-5 for thick or calloused skin.

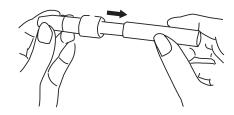


# WHEN TO OBTAINING BLOOD FROM SITES OTHER THAN THE FINGERTIP

A clear cap, together with the kit, makes it easier to get a drop of blood from AST. When you want to obtain blood from sites except the finger, replace the clear cap instead of the lancing device cap. Screw the clear cap onto the lancing device until it is snug, but not too tight, and then continue to step 2.

#### Step 2. Cock the Lancing Device

Slide the ejection/cocking control back until it clicks. If it does not click, the lancing device may have been cocked when the lancet was inserted.



#### Step 3. Wash your hands and the Puncture Site

Use warm, soapy water to wash your hands and the puncture site. Rinse and dry thoroughly.

#### Step 4. Select and Lance a Puncture Site

#### Fingertip

Hold the lancing device firmly against the side of your finger. Press the release button. You will hear a click, indicating that the puncture is completed.



#### · Sites other than a fingertip

Please refer to the section of "About Alternative Site Testing" above. Please consult your health professional before obtaining blood from sites other than a fingertip.

WARNING! The system requires a very small blood drop to perform a test. You can obtain it from a fingertip. Choose a different spot each time you test. Repeated punctures in the same spot may cause soreness and calluses. Before you decide to do palm testing, please consult your health professional first.

### Step 5. Gently Massage the Area, Do NOT Smear the Blood Sample

To obtain correct results, it is recommended that the first drop of blood should be discarded with a clean tissue paper or cotton. Use the second drop of blood for testing. The required blood sample is 0.7 microlitre in volume.



O Correct

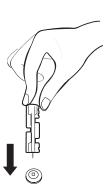


X Incorrect

#### **Step 6 Remove the Lancet**

Take the lancet out carefully. Place the disk on a hard surface and push the exposed tip into the protective disk. Always use caution when removing the lancet. Discard lancets according to local regulations.

WARNING! The first drop of blood usually contains tissue fluid and serum, which may affect the test result. It should be discarded.



#### TAKING A READING

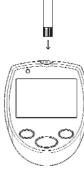
#### Step 1. Insert the Test Strip

Insert a test strip with contact bars end first and facing up into the test slot. (Contact bars must be inserted all the way into the meter or you may get an inaccurate test result.) The meter turns on automatically and shows the following messages:









When using the IDEAL LIFE  $\mathsf{POD^{TM}}$ , an optional accessory sold separately

**CHECK** 

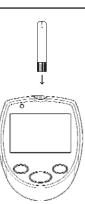
Be sure the code number on the display matches the code number on the test strip vial. If not, please refer to the "Calibration" section above for correct code selection.

Room Temperature

78° F

CODE 303

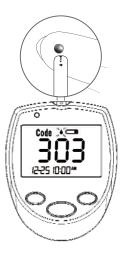


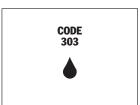


#### Step 2. Apply Sample

Obtain a drop of blood using the adjustable lancing device. The blood sample must be at least 0.7 microliter in volume or you may get an inaccurate test result. When " \( \blacktriangle \)" appears on the display, apply the blood to the absorbent hole of the test strip where it meets the narrow channel. Do not push your finger against the test strip or try to apply a smeared sample. The blood should be completely fill the confirmation window before the meter begins to count down. If not, do not try to add more blood to the test strip. Discard the test strip and retest with a new one. If you have trouble filling the test strip, please contact the dealer for assistance.







#### Step 3. Display a Glucose Result

Your blood glucose test result appears after the meter counts to 0. This blood glucose result is automatically stored in the meter memory. Turn the meter off by removing the test strip. Discard the used test strip carefully to avoid contamination.



When the measurement is complete, your IDEAL LIFE Gluco-Manager™ will then display your reading automatically, and begin to communicate (if TRANSMISSION is turned ON) and you are using your IDEAL LIFE Pod™ or Bluetooth® enabled cellular phone or device. Your IDEAL LIFE Gluco-Manager™ will notify you on the bottom of the display as to the status of your connection. Connection times may vary depending on many factors. If a connection has not occurred, your IDEAL LIFE Gluco-Manager™ will try to connect at a later time. Your reading will always be stored in your meter memory for local lookup. After displaying your reading and automatically communicating the information, your meter will automatically return to the default screen before going into sleep mode. Each time your IDEAL LIFE Gluco-Manager™ communicates successfully to IDEA LIFE through your IDEAL LIFE Pod™ the time and date are set to ensure reliable date and time stamping of all readings.

NOTE! If you do not apply a blood sample within 2 minutes, the meter will automatically turn off. You must remove the test strip and insert it back again to restart the test procedure.



#### LOOKING AT PREVIOUSLY TAKEN READINGS

Your IDEAL LIFE Gluco-Manager™ will store up to 250 of your latest readings.

#### **MENU**

READINGS **MESSAGES OPTIONS** 

**SCROLL SELECT**  Press Menu to view the feature list.

SCROLL to highlight READINGS (it should already be highlighted as it is the first line item in the list).

Press SELECT to enter your selection.

#### **READINGS**



SCROLL to highlight DATA (it should already be highlighted as it is the first line item in the list).

Press SELECT to enter your selection.

**SCROLL SELECT** 

**DATE READING** 108 01-14 01-15 101 01-16 **100** 01-16 105

01-16 104

**SCROLL** 

You can now scroll through your readings, screen by screen using the SCROLL button.

DATE **READING** 01-14 108 01-15 101

If you have less than one page full of readings or have reached your final screen you can press the button labeled EXIT to return to the READINGS section (Remember you can always press the START/ESCAPE button to return to the default screen).

**EXIT** 

NOTE! Your meter can display test results in millimoles per litre (mmol/L) or milligrams per deciliter (mg/dL). The mmol/L unit is standard in Canada. The mg/dL unit is standard in the United States. Use of the wrong unit of measure may cause you to misinterpret your blood glucose level, and may lead to incorrect treatment.

## **Looking at Graphs**

When using an IDEAL LIFE Pod™, your IDEAL LIFE Gluco-Manager™ will store different types of graphs downloaded from the IDEAL LIFE website. (All the graphs can be altered through the IDEAL LIFE website, refer to **www.ideallifeonline.com** for details).

#### **MENU**



SCROLL SELECT

Press Menu to view the feature list.

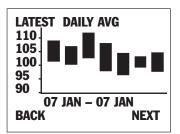
- SCROLL to highlight READINGS (it should already be highlighted as it is the first line item in the list)
- Press SELECT to enter your selection.

#### **READINGS**

DATA GRAPH

SCROLL SELECT

- SCROLL to highlight GRAPH.
- Press SELECT to enter your selection.



 You can now scroll through your graphs screen by screen using the button labeled NEXT. While scrolling through screens, you can always go to the previous screen by pressing the button labeled BACK.

If you have only one graph in memory, or have reached your final screen you can press the button labeled EXIT to return to the READINGS section (Remember you can always press the START/ESCAPE button to return to the default screen).

### **Looking at Messages**

Your IDEAL LIFE Gluco-Manager™ is equipped for 2-way, interactive communication when using an IDEAL LIFE Pod™ or Bluetooth® enabled cellular phone or device. Messages can be sent remotely to your IDEAL LIFE Gluco-Manager™ and responded to directly. When messages are transmitted to your IDEAL LIFE Gluco-Manager™, they are stored for automatic display before your next blood glucose measurement. If you have unread messages in memory, there will be an ENVELOPE icon located on the upper left corner of the default screen. You can also read any unread messages in the MESSAGES section for later response.

#### **MENU**



**SCROLL** 

**SELECT** 

- Press Menu to view the feature list.
- SCROLL to highlight MESSAGES.
- Press SELECT to enter your selection.

Messages will be displayed in order of time received (oldest first). Responding to messages automatically stores them for later transmission and automatically scrolls to the next message if there is more than one unread message in

your IDEAL LIFE Gluco-Manager™.

There are 3 types of messages. The type of question will dictate the button labels. Simply press the desired button shown on the screen. (Remember, you can always press the START/ESCAPE button to return to the default screen)

For Example:

f: SELF s: KIDS

Reminder: Pick up kids at 4:00 PM.

0K

Free text messages allow for 2 possible responses, and are displayed on one screen and may look like this:

Multiple Choice messages allowing for up to 6 possible responses are displayed on 2 screens, and may look like this:

f: DAUGHTER s: DINNER

When do you want to go to dinner?

**NEXT** 

s: DINNER

7:00 PM 7:30 PM 8:00 PM 9:00 PM

SCROLL SELECT

IDEAL LIFE Gluco-Manager™

30

## **Options**

The OPTIONS section allows you to set-up your IDEAL LIFE Gluco-Manager™ with features that are not frequently changed.

#### **BEEPER**

The beeper function is turned on by default. If you receive a message that is tagged as urgent the beeper will sound when the message is displayed.

#### **MENU**

READINGS MESSAGES OPTIONS

SCROLL SELECT

- Press Menu to view the feature list.
- SCROLL to highlight OPTIONS.
- Press SELECT to enter your selection.

#### **OPTIONS**



SCROLL SELECT

- Press SCROLL to highlight BEEPER.
- Press SELECT to enter your selection.

**BEEPER** 

ON

If you wish to switch the beeper on or off, simply select BEEPER in the OPTIONS menu. You can then press CHANGE to select the desired option (you can select between ON or OFF)

Once you've selected your desired option simply press EXIT to return to the main screen.

CHANGE EXIT

#### **CONNECTION**

There are different circumstances that require changes to be made to your connection settings. Select the appropriate option to modify your connection settings.

#### **Transmission**

In certain situations you may be required to turn off your IDEAL LIFE Gluco-Manager™ ability to transmit, as it may interfere with sensitive equipment in the surrounding area. Examples of places where you are required to turn off all wireless devices include most areas in hospitals, health clinics



and planes. To change the transmission feature on your IDEAL LIFE Gluco-Manager™ simply follow the instructions below.

#### **MENU**

**READINGS MESSAGES** 

**SCROLL SELECT** 

- Press Menu to view the feature list.
- SCROLL to highlight OPTIONS.
- Press SELECT to enter your selection.

#### **OPTIONS**

**BEEPER** CONNECTION **UNITS FACTORY DEFAULT** 

**SELECT SCROLL** 

- Press SCROLL to highlight CONNECTION.
- Press SELECT to enter your selection.

#### **CONNECTION**

**TRANSMISSION TELEPHONE LINE** LINK

**SCROLL SELECT**  • Press SCROLL to highlight TRANSMISSION.

• Press SELECT to enter your selection.

#### **TRANSMISSION**

**ON** 

**CHANGE EXIT**   Press CHANGE to select your desired option (you can select between ON or OFF)

• Press EXIT when you are finished to return to the main screen. If the TRANSMISSION is set to the OFF selection, you will see a

notice displaying TRANSMISSION OFF on the main screen to remind you to switch back the setting when you are able to do so.

NOTE: If you change the transmission setting to OFF you must remember to change back the transmission setting to ON when you are able to do so or your  ${\it IDEAL\ LIFE\ Gluco-Manager^{TM}\ will\ not\ transmit\ any\ of\ your\ data\ that\ is\ stored\ in}$ memory. When your unit reaches its maximum allowable storage capacity, it will automatically delete the oldest data to create room for new data.

#### **Dialing Pattern**

The dialing pattern dictates the manner in which your IDEAL LIFE Gluco-Manager™ dials out through a telephone line when connected to an IDEAL LIFE Pod™. Different areas and situations require different methods of dialing which are preset at the time of registration. If you are required to change your dialing pattern, follow the steps below. If you are not sure what dialing pattern you should be using, contact the local phone provider in the area you are dialing from.

#### MENU

#### READINGS MESSAGES OPTIONS

SCROLL SELECT

- Press Menu to view the feature list.
- SCROLL to highlight OPTIONS.
- Press SELECT to enter your selection.

#### OPTIONS

BEEPER
CONNECTION
UNITS
FACTORY DEFAULT

SCROLL SELECT

- Press SCROLL to highlight CONNECTION.
- Press SELECT to enter your selection.

#### CONNECTION



SCROLL

SELECT

- Press SCROLL to highlight TELEPHONE LINE
- Press SELECT to enter your selection

TELEPHONE LINE



**SCROLL** 

**SELECT** 

- Press SCROLL to highlight DIAL PATTERN.
- Press SELECT to enter your selection.

SCROLL SELECT

- Press SCROLL to highlight the desired option.
- Press SELECT to enter your selection.

The dialing pattern options are defined below:

• 1-###-### for 11 digit dialing; that is,

1 - (area code) - phone number

• ###-### for 10 digit dialing; that is,

(area code) - phone number

• ###-### for 7 digit dialing; that is, phone number only

#### **Line Access**

As with dialing patterns, different locations may require your IDEAL LIFE Gluco-Manager™ to acquire an outbound line before dialing. If you are not sure what line access option you should be using, contact your local phone service provider for details. Generally no line access will be necessary, however if you are in a hotel or office building, the IDEAL LIFE Pod™ may be required to dial an 8 or 9 before the

phone number (check before changing the line access feature).

## MENU **READINGS**

MESSAGES

**SCROLL** 

**SELECT** 

- Press Menu to view the feature list.
- SCROLL to highlight OPTIONS.
- Press SELECT to enter your selection.

#### **OPTIONS**

BEEPER CONNECTION UNITS FACTORY DEFAULT

**SCROLL** 

**SELECT** 

- Press SCROLL to highlight CONNECTION.
- Press SELECT to enter your selection.

#### CONNECTION

TRANSMISSION TELEPHONE LINE

**SCROLL** 

SELECT

• Press SCROLL to highlight TELEPHONE LINE

#### **TELEPHONE LINE**

**SCROLL** 

**SELECT** 

- Press SCROLL to highlight LINE ACCESS.
- Press SELECT to enter your selection.

# **LINE ACCESS**

NONE

**SCROLL** 

**EXIT** 

- Press SCROLL to select your desired option (you can select between: NONE, 9, 8, #9, \*9)
- Once you've selected your desired selection, on the following screen you will be asked to CHANGE or ENTER. Press ENTER to select and press CHANGE to go back and change your selection

The line access options are defined below:

- This is the default selection (most common type of line access used; most homes use this method)
- 9 Usually required when dialing out of offices
- 8 Usually required when dialing out of select hotels
- #9 Usually required when dialing out of select hotels and homes
- \*9 Usually required when dialing out of homes equipped with intercom systems

### Using a Bluetooth® Enabled Cellular Phone or Device

In the event that you are away form an RJ11 modular jack, your IDEAL LIFE Gluco-Manager™ is equipped to communicate through a Bluetooth® enabled cellular phone or device that can automatically connect to the Internet.

#### Linking your Bluetooth® enabled cellular phone or device

First you must ensure that IDEAL LIFE™ has the details of your Bluetooth® enabled cellular phone or device. Please call IDEAL LIFE directly to ensure that your details are up to date. Then you will be required to LINK your Bluetooth® enabled cellular phone or device to your IDEAL LIFE Gluco-Manager™. Simply follow the below instructions and on screen directions to complete this exercise.

#### MENU

**READINGS** 

**SCROLL SELECT** 

- Press Menu to view the feature list.
- SCROLL to highlight OPTIONS.
- Press SELECT to enter your selection.

#### **OPTIONS**

**BEEPER** CONNECTION UNITS **FACTORY DEFAULT** 

**SCROLL** 

**SELECT** 

- Press SCROLL to highlight CONNECTION.
- Press SELECT to enter your selection.

#### CONNECTION

TRANSMISSION TELEPHONE LINE

**SCROLL SELECT** 

- Press SCROLL to highlight LINK
- Press SELECT to enter your selection.



# LINK LINK DEVICE UNLINK DEVICE CURRENT STATUS

SCROLL SELECT

- Press SCROLL to highlight LINK DEVICE
- Press SELECT to enter your selection.

Your IDEAL LIFE Gluco-Manager™ will automatically search for a Bluetooth® enabled cellular phone or device and will display the below screen.



Once a Bluetooth® enabled cellular phone or device is found, simply follow the on screen directions. Once the Bluetooth® enabled cellular phone or device is LINKED to your IDEAL LIFE Gluco-Manager™, you will be ready to use your newly LINKED device to communicate.

If you need to remove an established link from your IDEAL LIFE Gluco-Manager™, simply use the UNLINK DEVICE feature.

!A Bluetooth® enabled cellular phone or device connection cannot be used upon first use, only after successful activation is completed; and IDEAL LIFE must be contacted and supplied with your particular Bluetooth® enabled cellular phone details before using a cellular phone connection!

Remember, when using a Bluetooth® enabled cellular phone or device for communication, your IDEAL LIFE Gluco-Manager™ will automatically dial out through your Bluetooth® enabled cellular phone or device directly. You do not have to do any dialing on your Bluetooth® enabled cellular phone or device.

#### CHECKING THE STATUS OF YOUR IDEAL LIFE GLUCO-MANAGER™

If you ever wish to check the current status of your device links on your IDEAL LIFE Gluco-Manager™, or other important information related to your IDEAL LIFE BP-Manager simply follow the below instructions.

#### MENU

### **READINGS** OPTIONS

SELECT **SCROLL** 

- Press Menu to view the feature list.
- SCROLL to highlight OPTIONS.
- Press SELECT to enter your selection.

#### **OPTIONS**



**SCROLL** 

**SELECT** 

- Press SCROLL to highlight CONNECTION.
- Press SELECT to enter your selection.

#### CONNECTION

TRANSMISSION TELEPHONE LINE

**SCROLL SELECT** 

- Press SCROLL to highlight LINK
- Press SELECT to enter your selection.

#### LINK

LINK DEVICE **UNLINK DEVICE CURRENT STATUS** 

**SCROLL SELECT** 

- Press SCROLL to highlight CURRENT STATUS
- Press SELECT to enter your selection.

On the next several screens, simply use the labeled soft keys to navigate through the current status items of your IDEAL LIFE Gluco-Manager™. Remember, you can always press the START/ESCAPE button to return to the default screen.



#### **UNITS**

If you ever wish to change the units of measurement and temperature of your device, simply follow the below instructions.

#### MENU

**READINGS** OPTIONS

**SCROLL** SELECT

- Press Menu to view the feature list.
- SCROLL to highlight OPTIONS.
- Press SELECT to enter your selection.

#### **OPTIONS**

**BEEPER** CONNECTION UNITS
FACTORY DEFAULT

**SCROLL SELECT** 

- Press SCROLL to highlight UNITS.
- Press SELECT to enter your selection.

#### UNITS



(mg/dL example shown)

• Press SCROLL to highlight your choice of either mg/dL or mmol/L

• Press SELECT to enter your selection.

**SCROLL SELECT** 





**SCROLL SELECT** 

- Press SCROLL your choice of either CELSIUS or FAHRENHEIT (CELSIUS example shown)
- Press SELECT to enter your selection.

UNITS

mg/dL **CELSIUS** 

CHANGE **SELECT** 

• The final screen will be your desired selection. If you want to go back, press CHANGE:

On the next several screens, simply use the labeled soft keys to navigate through the current status items of your IDEAL LIFE Gluco-Manager™. Remember, you can always press the START/ESCAPE button to return to the default screen.

#### **FACTORY DEFAULT**

This option restores the unit back to its factory settings. DO NOT RESET YOUR IDEAL LIFE GLUCO-MANAGER™ UNLESS INSTRUCTED TO DO SO BY AN IDEAL LIFE CUSTOMER REPRESENTATIVE. This option will erase all your information stored in your IDEAL LIFE Gluco-Manager™ and will require you to reregister if you are using an IDEAL LIFE POd™. ONLY SELECT THIS OPTION IF YOU ARE REQUIRED TO DO SO.

To reset your IDEAL LIFE Gluco-Manager™ back to factory default settings follow the below instructions.

#### **MENU**

#### READINGS MESSAGES OPTIONS

SCROLL SELECT

- Press Menu to view the feature list.
- SCROLL to highlight OPTIONS.
- Press SELECT to enter your selection.

#### **OPTIONS**

# BEEPER CONNECTION UNITS FACTORY DEFAULT

SCROLL SELECT

- Press SCROLL to highlight FACTORY DEFAULT.
- Press SELECT to enter your selection.

NO

#### RESTORE FACTORY DEFAULT SETTINGS?

#### YES NO

- Pressing NO will return you to the default screen.
- Pressing YES will display a confirmation screen.

#### ARE YOU SURE YOU WISH TO RESTORE FACTORY DEFAULTS?

#### YES

Pressing YES will reset the device.

#### RESETTING...

While this occurs this screen will be displayed; when done, the unit will reset and then restart, and restore factory default settings. This takes about 30-40 seconds and then Language Selection screen will be displayed.

#### **Comparing Meter And Laboratory Results**

# Comparing Meter And Laboratory Results

The result you obtain from your meter may different somewhat from your laboratory result due to normal variation. Meter results can be affected by factors and conditions that do not affect laboratory results in the same way (see test strip package insert for typical accuracy and precision data and for important information on limitations). To make an accurate comparison between meter and laboratory results, follow the guidelines below.

#### Before you go to the lab:

- Perform a control solution test to make sure that the meter is working properly.
- It is best to fast for at least eight hours before doing comparison tests.
- Take your meter with you to the lab.

#### While at the lab:

- Make sure that the samples for both tests (the meter test and the lab test) are taken and tested within 15 minutes of each other.
- Wash your hands before obtaining a blood sample.
- Never use your meter with blood that has been collected in a gray-top test tube.
- Use fresh capillary blood only.

You may still have variation from the result because blood glucose levels can change significantly over short periods, especially if you have recently eaten, exercised, taken medication, or experienced stress<sup>1</sup>. In addition, if you have eaten recently, the blood glucose level from a finger stick can be up to 70mg/dL (3.9 mmol/L) higher than blood drawn from a vein (venous sample) used for a lab test<sup>2</sup>.

Therefore, it is best to fast for eight hours before doing comparison tests. Factors such as the amount of red blood cells in the blood (a high or low hematocrit) or the loss of body fluid (severe dehydration) may also cause a meter result to be different from a laboratory result.

#### References

- 1. Surwit, R.S., and Feinglos, M.N.: Diabetes Forecast (1988), April, 49-51
- 2. Sacks, D.B.: "Carbohydrates. "Burtis, S.A., and Ashwood, E.R. (ed.), Tietz Textbook of Clinical Chemistry. Philadelphia: W.B. Saunders Company (1994), 959.



#### **Care And Maintenance**

# **Care And Maintenance**

Your meter does not require special maintenance. As no blood or control solution comes in contact with the meter, there is no special cleaning required. Take care to avoid getting dirt, dust, blood, control solution or water inside the meter through the test port. Store the meter in its carrying case after each use. A cloth dampened with water and mild detergent can be used to wipe down the outside of the meter. Your meter is a precision instrument. Please handle it with care.

### **Specificaitons**

# **Specificaitons**IDEAL LIFE Gluco-Manager™

Model:	GMM 0001 IDEAL LIFE Gluco-Manager™	
Display:	LCD Digital Display	
Power Source:	Two 1.5V AAA alkaline batteries	
Battery Life:	Over 1,000 determinants	
Operating Temperature/Humidity:	10°C - 40°C, below 85% R.H. (non-condensing)	
Storage Temperature/Humididty:	4°C - 40°C, below 85% R.H.	
Weight:	103.5 g	
Dimension:	97 mm (I) x 77.7 mm (w) x 24.8 (h)	
Auto Electrode Inserting Detection	YES	
Auto Sample Loading Detection	YES	
Auto Reaction Time Count-Down	YES	
Sleeping Mode Power Consumption	Less than 50uA	
Auto Shut Off	After 2 minutes without action	
Temperature Warning	YES	
Measurement Units	mg/dL or mmol/L	

Note: these specifications, to improve performance, are subject to change without notice.

## **IDEAL LIFE Pod™**

Model:	ILP 0001 IDEAL LIFE Pod™	
Display:	3 LED's	
Power Source:	AC adapter	
Operating Temperature/Humidity:	10°C - 40°C/Below 85% relative humidity	
Storage Temperature/Humidity	-5°C - 50°C/Below 90% relative humidity	
Console Weight:	Approx. 142 g without batteries	
Outer Dimensions:	Approx. 120 mm Width x 105 mm Depth x 30 mm Height	

Note: These specifications are subject to change without notice.

### **Problem Solving Guide**

# **Problem Solving Guide**

The following is a summary of potential problems in operation to help troubleshoot various issues. Improper use may cause an inaccurate result without producing an error message or a symbol. In the event of a problem, refer to the information under action.

If you follow the recommended instructions but a problem still exists, please contact an IDEAL LIFE $^{\text{IM}}$  customer representative at 1-888-IDEAL-41 (888-433-2541) to resolve the issue.

## **Trouble Shooting**

Situation: The meter does not display a message after inserting a test strip.

PROBABLE CAUSE	WHAT TO DO
Battery exhausted.	Replace the battery.
Battery incorrectly installed or absent.	Check that the battery is correctly installed.
Test strip inserted upside-down or incompletely.	Insert the test strip correctly with the contact bars end first and facing up.
Defective meter.	Please call an IDEAL LIFE customer representative.

**Situation:** The test does not start after applying the sample.

PROBABLE CAUSE	WHAT TO DO
Insufficient blood sample.	Repeat the test using a new test strip with larger volume of blood sample.
Defective test strip.	Repeat the test with a new test strip.
Sample applied after automatic shutoff (3 minutes after last user action).	Repeat the test with a new test strip.  Apply sample only when " • " appears on the display.
Defective meter.	Please call an IDEAL LIFE customer representative.

### **Problem Solving Guide**

<b>Situation:</b> If the control solution test result is out of range.		
PROBABLE CAUSE	WHAT TO DO	
Error in performing the test.	Read the instruction thoroughly and repeat the test again.	
Improper code number.	Check if the code number on the display matches the code number on the test strip vial.	
Do not shake the control solution vial very well.	Shake the control solution vigorously and repeat the test again.	
Expired or contaminated control solution.	Check the expiry date or the discarded date of the control solution.	
Control solution that is too warm or too cold.	Control solution, monitor, and test strips should come to room temperature (68-77°F/20-25 °C) before testing.	
Test strip deterioration.	Repeat the test with a new test strip.	
Meter malfunction.	Please call an IDEAL LIFE customer representative.	

# **Error Message**

MESSAGE	WHAT IT MEANS	ACTION
E-F	Appears when the batteries can not provide enough power for a test.	Replace the batteries immediately.
Ĕ-U	Appears when inserting a used test strip.	Test with a new test strip.
Ē-L	Appears when ambient temperature is out of system operation range.	System operation range is 10~40°F (50~104°C). Repeat the test after the meter and test strip have reached the above temperature.
Ĕ-E	Invalid coding.	Try a new code strip and insert again.
Ë-F	Remove the strip after applying blood to the absorbent hole.	Re-test with a new test strip.
E-A  Enu	Problem with the meter.	Review the instructions and re-test with a new test strip. If the above steps do not work, please contact the Customer Care Service for help.

### **Summary of Operation**

# **Summary of Operation**

This summary is intended only for quick reference and not as a substitute for the instruction manual. Please read the entire manual before you begin testing.

#### Step 1. Insert test strip

The meter is automatically turned on and displays the room temperature and the code number



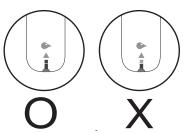
#### Step 2. Match the code

Check if the displayed code number is the same number as the number on the strip vial



#### Step 3. Apply sample

Select and clean the puncture site. Touch and hold the drop of blood to the absorbent hole of test strip until the confirmation window is completely filled.



### Step 4. Obtain accurate results

The meter begins to count down and then displays the test result. If you find the confirmation window does not fill completely, do not add blood to the strip. Discard the strip and use a new one to retest.



#### Federal Communications Commission (FCC) Statement

#### 15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

#### 15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- -Reorient or relocate the receiving antenna.
- -Increase the separation between the equipment and receiver.
- -Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- -Consult the dealer or an experienced radio/TV technician for help.

#### **Operation is subject to the following two conditions:**

- 1) this device may not cause interference and
- 2) this device must accept any interference, including interference that may cause undesired operation of the device.

#### FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



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