



# Didget™

blood glucose monitoring system



USER GUIDE

The DIDGET™ blood glucose monitoring system (meter, strips, and controls) is intended for self-testing by people with diabetes to monitor glucose concentrations in fresh capillary whole blood samples drawn from the fingertip only. It is intended for those ages four and older, with adult supervision as needed. The DIDGET blood glucose monitoring system is not intended for the diagnosis of or screening for diabetes mellitus and is not intended for use on neonates.

The DIDGET meter was created to give you a tool to help you manage your diabetes. It rewards healthy testing habits with points that can be used with your Nintendo DS,™ Nintendo DS™ Lite gaming system, or on the bayerdidget.com site. Use Bayer's CONTOUR test strips with your DIDGET meter.

### Additional Materials

- **CONTOUR® Test Strips**—Use for blood sugar or control solution testing.
- **MICROLET®2 Lancing Device and Microlet Colored Lancets**—For fingertip testing.
- **Battery**—One 3 VDC (DL2032 or CR2032) lithium battery. For “Free Batteries For Life” call 1-800-348-8100.
- **Bayer's GLUCOFACTS® DELUXE Software**—Designed to show reports and graphs of your blood sugar testing results.
- **USB Mini Cable**—Use the included cable to connect the DIDGET meter to your computer.
- **Clinilog®**—To record your blood sugar test results and activities that might affect your test results.

*For short instructions, use the quick reference guide.*

### Notes About This User Guide

- **Read**—When you first get your meter, read the whole user guide with your parent or a responsible adult.
- **Practice**—Practice testing using the user guide and control solution to get to know your DIDGET meter.
- **Review**—Keep the user guide in a safe place so that you can find it later if you have questions.

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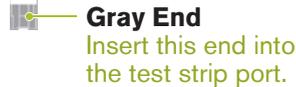
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## CONTOUR<sup>®</sup> Test Strip:

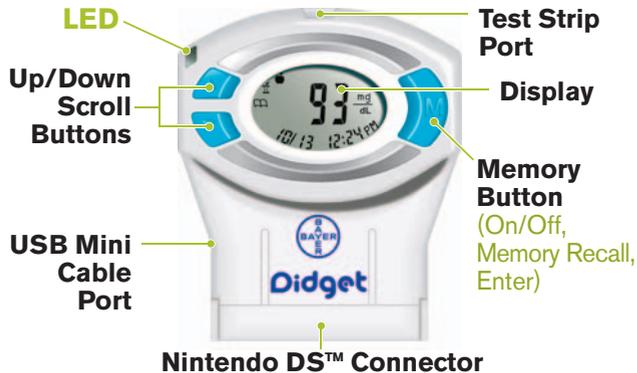


**Sample Tip**  
Blood sample pulled in here.



**Gray End**  
Insert this end into the test strip port.

## Bayer's DIDGET<sup>™</sup> Meter:



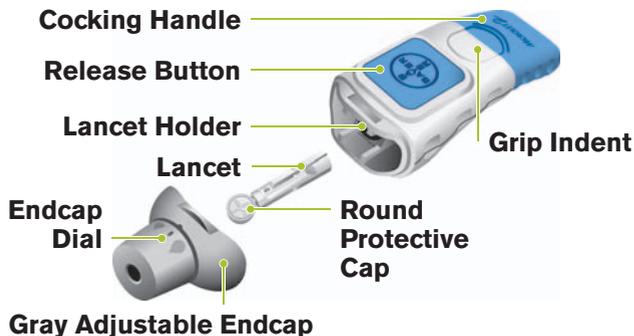
LED

Up/Down  
Scroll  
ButtonsUSB Mini  
Cable  
PortNintendo DS<sup>™</sup> ConnectorTest Strip  
Port

Display

Memory  
Button  
(On/Off,  
Memory Recall,  
Enter)

## MICROLET<sup>®</sup>2 Lancing Device:



Cocking Handle

Release Button

Lancet Holder

Lancet

Endcap  
DialRound  
Protective  
Cap

Grip Indent

Gray Adjustable Endcap

## Meter Display:

The picture below shows all the symbols that appear on your meter display. To view, with the meter off, press and hold ▲ or ▼. All display segments will appear for 10 seconds. If you need more than 10 seconds to check the display, press and hold ▲ or ▼ again.

**While all characters are displayed, it is very important to make sure that 888 is fully displayed. If there are missing segments, see page 42. This may affect the way you see your results.**

 Before Meal result marker.

 After Meal result marker.

 Shows a Logbook entry.

 A reminder has been set.

 The battery is low and needs to be changed.

 Control result marker.

 The meter is ready to start a test.

 Center area on the display that shows either your test result or any error codes.



 Bottom area on the display showing the date and time.

 Sound is turned on.

 Date format.

 Results are 7dL shown as mg/dL or mmol/L. The 7 appears when viewing 7 day HI-LO summary.

 Shows it is too cold or too hot for your meter to test accurately.

 Average.

 AM or PM will appear if the meter is in 12 hour setup.

 Remove meter from Nintendo DS or disconnect from PC.

## Meter Features:

**Easy:** Bayer's DIDGET™ blood glucose monitoring system is about simplicity. You will notice its simple approach the first time you see and use it.

**Automatic:** You no longer have to worry about coding your meter and test strips or marking a control test result. The DIDGET meter does it automatically. It will even tell you when a test strip is under-filled.

**Programmed:** Your DIDGET meter has been preset at the factory with the standard date, time, and units of measure (mg/dL) used in your country. To change the date or time, or use advanced meter features, such as meal markers or After Meal test reminder, read through the Additional Features section of this user guide.

**Customizable:** The DIDGET meter allows you to set personal choices for some features. For more information, please see pages 24-30.

**Games:** The DIDGET is more than simply a blood glucose meter with advanced features; it is also a system that rewards positive behaviors in blood glucose testing. The rewards come in the form of points that can be used in a Nintendo DS™ gaming system or online.



Your DIDGET meter is designed with No Coding™ technology, so the meter codes itself every time you insert a test strip. This means you do not have to worry about getting inaccurate results due to miscoding or forgetting to code your meter.

**Need Help? Call toll free: 1-800-348-8100**

## Symptoms of High or Low Blood Sugar:

You can better understand your test results by being aware of the symptoms of high or low blood sugar.

According to the American Diabetes Association, some of the most common symptoms are:<sup>1</sup>

### High blood sugar (Hyperglycemia):

- frequent urination
- excessive thirst
- blurred vision
- increased fatigue
- extreme hunger
- irritability

### Low blood sugar (Hypoglycemia):

- shakiness
- sweating
- fast heartbeat
- blurred vision
- confusion
- passing out
- seizure

### Ketones (Ketoacidosis):

- shortness of breath
- nausea and vomiting
- very dry mouth

**CAUTION: If you are experiencing any of the symptoms listed above, test your blood sugar. If your test result is below 60 mg/dL or above 250 mg/dL, tell your parent or responsible adult. Your healthcare professional should be contacted immediately.**

For more information and a complete list of symptoms, contact your healthcare professional or refer to the website for the American Diabetes Association: [www.diabetes.org](http://www.diabetes.org)

[www.bayerdiabetes.com/us](http://www.bayerdiabetes.com/us)

**Important Things to Know:**

**WARNING: ALWAYS TEST WITH THE METER RIGHT SIDE UP AS SHOWN.**

**Testing with your meter upside down will change how you see your results!**



**Never** test when your meter is upside down or if your meter is connected to a Nintendo DS/DS Lite gaming system or your PC. If your meter is connected to your gaming system or your PC when your test reminder sounds or you insert a test strip, you will see ↓ on your meter display. Remove your meter from the gaming system or your PC before testing your blood sugar.



Remember that the test result icon should look like this:



- ▶ **Do not share your meter.** Your doctor or diabetes care nurse prescribed the DIDGET meter especially for you. It is not safe to let others use your meter because they could accidentally get blood on it. Also, the results stored in your meter need to come from you. The doctor or diabetes care nurse needs your results to help you manage your diabetes.

**Need Help? Call toll free: 1-800-348-8100**

- ▶ **Testing is not a game.** Your meter is a powerful tool to help you manage your diabetes. Test according to the plan that your doctor or diabetes care nurse set up for you. You will earn the most points for testing four times a day every day.
- ▶ **Wash and dry your hands completely before handling the test strips.**
- ▶ **Always keep the test strips in the original bottle. Tightly close the bottle immediately after removing a test strip.** The bottle is made to keep the test strips dry. Exposure to room humidity can damage your test strips.
- ▶ **Do not drop blood directly on the flat surface of the test strip.** Your test strip is designed to pull the blood into the sample tip.
- ▶ **Do not press the test strip against your finger when testing.** This may block the sample tip.
- ▶ **Test strips are for single use only.**
- ▶ **Do not use a test strip that appears damaged or has been used.**
- ▶ **Let the meter and test strips adjust to the temperature of the location where you are testing.** Whenever the meter is moved from one location to another, allow about 20 minutes for the meter to adjust to the temperature of that new location before testing. The meter and test strips are designed to give accurate results at temperatures between 41°F and 113°F.
- ▶ **Check the expiration dates on your test strips and control solution.** Do not use the test strips or control solution if the expiration date printed on the bottle label and carton has passed.

[www.bayerdiabetes.com/us](http://www.bayerdiabetes.com/us)

**IMPORTANT NOTE:**

- **Your meter has been preset and locked to display results in mg/dL (milligrams of glucose per deciliter).**
- Results in mg/dL will **never** have a decimal point.
- Results in mmol/L will **always** have a decimal point.

**Example:**

Check your display to make sure that results are being displayed as mg/dL. If they are not, contact Bayer Diabetes Care Customer Support, 1-800-348-8100.

**NOTE:** Never test while your meter is connected to the Nintendo DS or DS Lite or connected to your PC. If you press a button or insert a strip while you are playing a game, you will see ↓ to remind you to take it out of the DS or disconnect from your PC before testing your blood sugar. Turn the Nintendo DS off, remove the meter, and replace the slide cover before testing your blood.

**Before You Begin Testing:**

1. **Read your user guide and all instructional materials provided in your meter kit before testing.**
2. **Have all the materials you will need ready before you begin testing:**

DIDGET™ meter

CONTOUR® test strips

MICROLET®2 lancing device

MICROLET® lancets

CONTOUR® normal control solution, to run a quality control check

3. **Wash your hands thoroughly with warm soapy water and dry them well before testing.** This is important because food or juice on your hands – even if you cannot see or feel it – may give you an incorrect test result.

**NOTES:** Keep your slide cover on your meter when it is **not** connected to the gaming system.

Your DIDGET meter is designed for normal in-home use. It is **not** waterproof, and misuse may cause your results to be inaccurate.



The following steps (pages 10-15) are shown in the proper order for performing a blood sugar test.

### Getting Ready to Test:

Read the MICROLET®2 insert for complete instructions on getting your blood drop.

Wash and dry your hands thoroughly before testing.

Remove the gray endcap from the MICROLET®2 lancing device with your thumb on the grip indent and snap down as shown.



Loosen the round protective cap on a lancet by rotating it ¼ turn, **but do not remove it.**



Insert the lancet firmly into the lancing device until it comes to a full stop. This will cock the device. You can also pull and release the cocking handle.



Twist off the round protective lancet cap. Be sure to save it for disposing of the used lancet.



Replace the gray endcap prior to getting your blood drop. Wait to get your blood drop until you've inserted your test strip.



Remove a test strip from the bottle. **Tightly close the bottle lid immediately after you have removed the test strip.**



**NOTE:** Check the expiration dates on the bottle, and make sure the test strip does not appear torn or damaged.

Insert the gray end of a test strip into the test strip port on the meter, as shown.



The meter will turn on. An image of a test strip with a flashing blood drop  will appear letting you know the meter is ready to test.

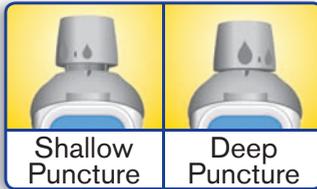
Need Help? Call toll free: 1-800-348-8100

[www.bayerdiabetes.com/us](http://www.bayerdiabetes.com/us)

## Getting the Blood Drop:

The puncture depth depends on the endcap setting, your skin type, and the amount of pressure applied to the puncture site. You will be able to tell which combination works best for you.

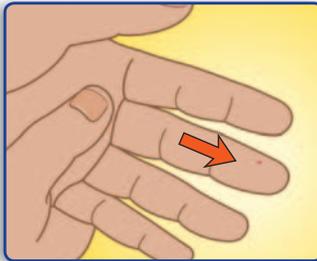
Use the **Gray endcap**



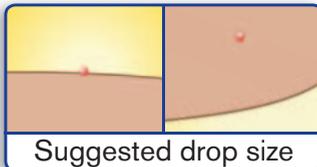
Press the endcap firmly against the puncture site and press the blue release button with your thumb.



Stroke your hand and finger towards the puncture site to form a drop of blood. Do not squeeze around the puncture site.



Test immediately after a good blood drop has formed.



## Testing Your Blood:

Immediately touch the **tip** of the test strip to the drop of blood. The blood is pulled into the test strip through the tip.

**Hold the tip of the test strip in the blood drop until the meter beeps.**



### Fingertip Testing

Do not press the tip against the skin or place the blood on top of the test strip.

After a beep, you will see the meter count down 5 seconds.

Your test result appears and automatically will be stored in the meter memory.



You can set your meter to use special marker options by using the Advanced (L-2) Mode. See pages 30-35.

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[www.bayerdiabetes.com/us](http://www.bayerdiabetes.com/us)

**Expected Values:** Blood sugar values will vary depending on food intake, medication dosages, health, stress, or exercise. Talk to your healthcare professional for the target value that is appropriate for you. According to the American Diabetes Association standard medical practice goals for a person with diabetes:<sup>2</sup>

- Before a meal: 70 to 130 mg/dL
- 2 hours after a meal: less than 180 mg/dL

### CAUTION

- **If your test result is below 60 mg/dL, above 250 mg/dL, or you see “L U” or “H I” on the meter display, tell your parent or responsible adult. Your healthcare professional should be contacted immediately.**
- **Do not change your medication based on DIDGET blood sugar results without the advice of your doctor or diabetes care nurse.**

To turn your meter off, remove the test strip. Carefully dispose of the used test strip to avoid contamination.



### Removing the Used Lancet:

In one hand, hold the lancing device with your thumb on the **grip indent**; with your other hand, hold the **gray endcap dial** as shown, and gently snap off the endcap.



Place the round protective lancet cap on a flat surface with the Bayer logo facing down.

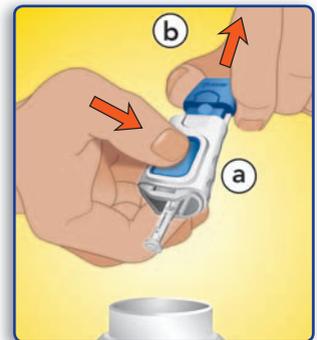
With the used lancet still in the lancing device, push the lancet needle completely into the middle of the exposed side of the cap.



(a) press the blue release button, and (b) pull the cocking handle past resistance. The lancet will then drop into the container you have selected.

Dispose of the used lancet carefully to prevent injury or contamination to others.

Do not reuse lancets.  
Use a new MICROLET lancet each time you test.



## Control Solution Testing:

Use only Bayer's CONTOUR® control solutions (Normal, Low, or High) with your DIDGET™ meter.

Using anything other than CONTOUR control solution could cause incorrect results.

### You should perform a control test:

- When using your meter for the first time,
- To check if you are testing correctly,
- When you open a new vial of test strips,
- If you leave the test strip vial open for an extended period of time,
- If you think your meter may not be working properly, or
- If your test results do not match how you feel.

Remove a test strip from the bottle. **Tightly close the bottle lid immediately after you have removed the test strip.**

Check the expiration date. Make sure the test strip does not appear torn or damaged.

Insert the gray end into the test strip port on the meter as shown.



The meter will turn on. An image of a test strip with a flashing blood drop will appear to let you know the meter is ready to test.



**NOTE:** Gently rock the control bottle before opening to ensure it is mixed well.

Squeeze a small drop of control solution on a clean nonabsorbent surface (such as a piece of wax paper).

**Do not apply control solution to the test strip directly from the bottle.**



Immediately touch the **tip** of the test strip to the drop of control solution. The solution is pulled into the test strip through the tip. Hold it in the drop until the meter beeps.

After a beep, you will see the meter count down 5 seconds until the test is complete and your control test result is displayed.

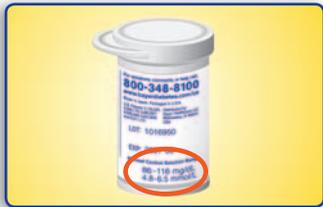


The meter will automatically mark the control result with a ✓ and store it in the meter memory.



**NOTE:** The ✓ does not indicate the control test result is within a specified range. It only marks it as a control solution test. Control tests will not be included in your averages or 7 day HI-LO summary, and will not add to your reward point totals.

Compare your control test result with the Control Range printed on the test strip bottle label or on the bottom of the test strip box.



**If your control test result is out of range, do not use your meter for blood glucose testing until you resolve the issue. See “What You Should Do” on page 42.**

To turn your meter off, remove the test strip.

Carefully dispose of the used test strip.



**IMPORTANT:** To make sure your blood sugar test results and control test results are accurate, use only CONTOUR control solution.

## Earning Points:

**NOTE:** The DIDGET™ system is not a replacement for the advice from your doctor or diabetes care nurse. Please consult with them about the best treatment program for you.

### Points:

When the DIDGET meter is plugged into the Nintendo DS™ system, reward points are calculated from the stored blood test results. Reward points can be used to unlock games, purchase items in the game, and unlock costumes and characters in the game and in the online community. Please consult the Knock 'Em Downs™ Game Instruction Booklet for more information.

Reward points are calculated daily and are based on the number of times you test your blood sugar (up to four times a day). You earn more points if your blood sugar is within your personal LO and HI blood sugar targets (see page 30), but you will never lose points for testing more often, even if your blood sugar is high or low. The table on the next page shows how to earn the most points with good testing habits. **Control solution tests do not count when calculating points.**

If test results are from more than one glucose range, they are averaged among the points rewarded for each glucose range. Points are not based on an average of the test results.

*For example, if you tested three times in one day and had blood sugar levels above, below, and within the target range, you would earn **83** reward points (75 pts for above target + 100 pts for in target + 75 pts for below target ÷ 3 = 83).*

**NOTE:** A game cartridge is included with your meter, although the Nintendo DS system is not included.

**Need Help? Call toll free: 1-800-348-8100**

REWARD POINTS FOR TESTING WITH THE DIDGET METER			
Tests per 24-hour Period	Glucose Test Result	Minimum Time Between Tests	Reward Points per Day
1	Low	N/A	20
	Target		25
	High		20
2	Low	6 hrs	40
	Target		50
	High		40
3	Low	2 hrs	75
	Target		100
	High		75
4 or more	Low	2 hrs	150
	Target		200
	High		150

In addition to the daily reward points, bonus points are awarded for testing at least three times per day every day for at least one week, as shown in the table below.

Number of Consecutive Test Days	Bonus Points
7	100
14	300
21	500
30	1000
90	5000

To earn bonus points, the minimum number of tests per day is 3. Control solution tests do not count.

After 90 days, bonus point awards restart. For example, day 91 is treated as day 1 with 6 days remaining until the next bonus level of 7 testing days.

**Blood glucose test results are never transmitted to your Nintendo DS™ and Reward Points will never appear on your meter.**

[www.bayerdiabetes.com/us](http://www.bayerdiabetes.com/us)

## Connecting to the Nintendo DS™:

The DIDGET™ system is designed to work with the Nintendo DS and Nintendo DS Lite systems. Clean your finger after testing before using the games.

1. Make sure your Nintendo DS is off.
2. Insert the DIDGET game cartridge (label side down) into the DS Game Card slot until it clicks into place.
3. Remove the slide cover from the DIDGET meter, insert it into slot 2, and turn on the Nintendo DS. Reward points will automatically transfer to the game.
4. Read the information on the start-up screen and then tap the screen to move to the DS menu screen.
5. On the DS menu screen, tap the Knock 'Em Downs™ panel to start the game.

When you are done playing or if it is time to test your blood sugar, save your game, turn the power off and remove the meter from the Nintendo DS. Replace the slide cover on the meter. You can play with your meter connected or not connected. Please see your Game Instruction Booklet for more details.

**NOTE:** If you have your Nintendo DS start-up mode set to Auto, the DS menu screen will not appear. See your Nintendo DS instruction booklet for more details.

**Need Help? Call toll free: 1-800-348-8100**



## Connecting to the DIDGET™ Website:

Use the included USB mini cable to connect to the DIDGET website:

**www.bayerdidget.com**

This website is intended for DIDGET meter owners ages 4 and older with parental supervision.

While connected to the Web Community, your meter's serial number, game data, and calculated reward points can be read from your DIDGET meter.

-  The USB mini cable included with your meter kit is for use in connecting to the DIDGET website or transferring your test results to your computer. Use of any other cable may adversely affect performance. Only connect your DIDGET meter to a computer that is certified to UL 60950-1.

## Transferring Test Results to a Computer:

You can also transfer test results from the DIDGET meter to a computer, where they can be summarized in a report with graphs and tables. To make use of this feature, you need Bayer's diabetes management software – GLUCOFACTS® DELUXE.

GLUCOFACTS DELUXE is for use by people 18 and over. For a free download of the software go to [www.BayerGlucofacts.com](http://www.BayerGlucofacts.com)

**IMPORTANT:** The DIDGET meter has not been tested or certified by Bayer for use with any software other than Bayer's software. Bayer is not responsible for any incorrect results from the use of other software.

**www.bayerdiabetes.com/us**

## Set up for Basic (L-1) and Advanced (L-2) Modes:

Your new DIDGET™ meter is pre-set for the Basic Mode and offers the same easy test procedure in either the Basic or Advanced Mode.

FEATURE	BASIC (L-1) MODE	ADVANCED (L-2) MODE
<ul style="list-style-type: none"> <li>7 day HI and LO summary: the number of HI results (above 180 mg/dL) and LO results (below 72 mg/dL) during the last 7 day period and the total number of results during that period.</li> </ul>	X	X
<ul style="list-style-type: none"> <li>14 day average</li> </ul>	X	X
<ul style="list-style-type: none"> <li>7 and 30 day averages</li> </ul>		X
<ul style="list-style-type: none"> <li>480 test result memory</li> </ul>	X	X
<ul style="list-style-type: none"> <li>Before and After Meal markers</li> </ul>		X
<ul style="list-style-type: none"> <li>30 day Before and After Meal averages</li> </ul>		X
<ul style="list-style-type: none"> <li>Selectable After Meal test reminders (2.5, 2.0, 1.5, 1.0 hours)</li> </ul>		X
<ul style="list-style-type: none"> <li>Personal HI and LO test settings</li> </ul>		X

**Need Help? Call toll free: 1-800-348-8100**

### BASIC (L-1) MODE



Your meter is pre-set to Basic Mode. If you have set your meter to the Advanced Mode, and want to return to Basic Mode:

1. Press **M** to turn your meter on. Wait to see the flashing test strip.
2. Press and hold **▲** or **▼** for 3 seconds.
3. L-2 will flash.
4. Press **▲** or **▼** to change to L-1.
5. Press **M** to set.

### ADVANCED (L-2) MODE



To set your meter to Advanced Mode, and take advantage of meal markers and other functions available to you:

1. Press **M** to turn your meter on. Wait to see the flashing test strip.
2. Press and hold **▲** or **▼** for 3 seconds.
3. L-1 will flash.
4. Press **▲** or **▼** to change to L-2.
5. Press **M** to set.

Please see the following pages for changing your personal settings and other Advanced Mode functions.

[www.bayerdiabetes.com/us](http://www.bayerdiabetes.com/us)

## Setting the Date, Time and Sound:

Your DIDGET™ meter allows you to set the date, time, and sound.

- You can view 12 or 24 hour time;
- month/day or day.month and;
- choose to have your meter beep or not.

To start, press and hold the M button until you see the time displayed.



### NOTES:

- ▶ You may turn the meter off at any time during set up by pressing and holding the **M** button until the meter turns off.
- ▶ The meter moves through set up in the same order as the steps that follow. To move to the next step and save the current setting, press **M**.

## Setting the Time:

**12H or 24H:** You can choose to see the time as either **12H** (12 hour with AM/PM) or **24H** (24 hour). Press the **▲** or **▼** button to change the way you see the time.

Press **M** to move on to the Hour setting.

**Hour:** Press the **▲** or **▼** button to change the **Hour**.

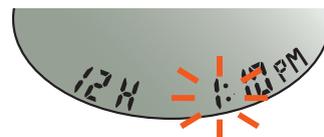
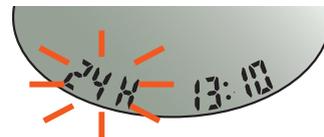
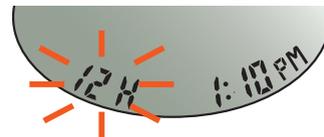
Press **M** to move on to the Minutes setting.

**Minutes:** Press the **▲** or **▼** button to change the **Minutes**.

If you have selected **12H**, press **M** to move on to the AM/PM setting.

**AM/PM:** Press the **▲** or **▼** button to choose **AM** or **PM**.

Press **M** to move on to the Date Format setting.



## Setting the Date Format:

You can choose to see the date as either the **m/d** or **d.m**. Press the **▲** or **▼** button to change the way you see the date.

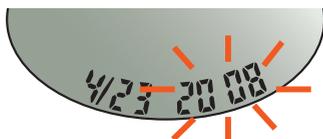


Press **M** to move on to the Year setting.



## Setting the Date:

**Year:** Press the **▲** or **▼** button to change the **Year**.



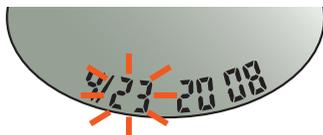
Press **M** to move on to the Month setting.

**Month:** Press the **▲** or **▼** button to change the **Month**.



Press **M** to move on to the Day setting.

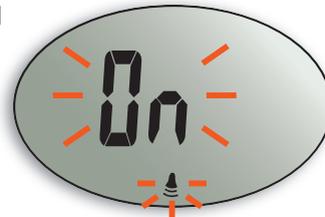
**Day:** Press the **▲** or **▼** button to change the **Day**.



Press **M** to move on to the Sound setting.

## Setting the Sound:

The flashing bell symbol will now appear on the display along with the word "On".



This option controls whether you want to hear the beep sound during testing.

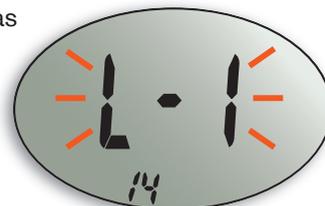
Press **▲** or **▼** button to turn the **Sound** on or off.

Press **M** to move on to the Basic/Advanced Level setting.



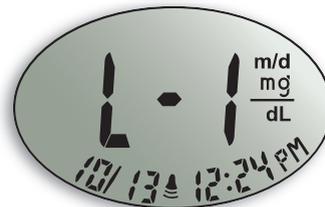
## Choosing Basic or Advanced Level:

The DIDGET™ meter has two "modes" or levels. See page 24 for more information.



Press the **▲** or **▼** button to change from **Basic (L-1)** to **Advanced (L-2)**.

Press **M** to move on.



## Setting Advanced (L-2) Mode Features:

If you selected the Advanced (L-2) Mode, you can change your meter's personal low and high blood sugar settings. By personalizing these settings, your DIDGET™ meter will help you track these HI and LO results. You and your healthcare professional will determine the settings that work best for you.



**Personal LO:** The LO setting will flash (default setting is 72 mg/dL). To change this setting, press ▲ or ▼ until you reach your desired **LO** setting. (The range for LO setting is 60–90 mg/dL.)



Press **M** to move on to set your personal HI setting.

**Personal HI:** Your HI blood sugar setting will now flash (default setting is 180 mg/dL). To change, press ▲ or ▼ until you reach your desired **HI** setting. (The range for HI setting is 100–250 mg/dL.)



Press **M** to move on to set the After Meal Test Reminder.

## Using Advanced Mode:

### After Meal Test Reminder:

The DIDGET™ meter can be set to remind you to test after a meal.

To choose how many hours after a meal you would like to test, press the ▲ or ▼ button. You can select 1.0, 1.5, 2.0 or 2.5 hours for your After Meal test reminder.



Press **M** one more time to finish your setup.

Congratulations! You have just set up your DIDGET meter.



### Using the Markers:

If you are using Advanced mode, your meter will display three markers after you complete a blood test.

-  **Before Meal** = Marks a test result that was taken before a meal.
-  **After Meal** = Marks a test result that was taken after a meal.
-  **Logbook** = The logbook marker can be used to mark any result when you may want to make notes in your Clinilog® logbook. Seeing a result with this symbol next to it in the meter's memory will help remind you that there is more information in your logbook about this test result.

*Please see the following pages to use these options.*

**If you do not want to mark the test result:**

Remove the used test strip to automatically save the test result in the meter memory with no markers. This will turn the meter off. Dispose of the used test strip and lancet properly.

**If you want to mark the test result:**

Before you remove your test strip, press ▲ or ▼ to select the marker you want to set. The marker will flash.

To mark a result with the Before Meal marker, press **M** when the 🍏 flashes.

The 🕒 will then flash. This feature allows you to set a reminder to run an After Meal test.

**NOTES:** The next test reminder is available only after setting a Before Meal marker.

If you want to set the reminder, press **M**. The 🕒 will appear and stop flashing.

If you do not want to set the reminder, press ▲ or ▼ and the 🕒 will disappear. Press **M** to set.



To mark a result with the After Meal marker, press ▲ or ▼ until the 🕒 flashes. Press **M** to set.

To mark a result with the logbook, press ▲ or ▼ until the 📖 flashes. Press **M** to set.

**Using the Next Test Reminder:**

When the reminder sounds, the meter will automatically turn on. The meter will beep 20 times, and the display will show the Before Meal test result you marked when you set the reminder. Pressing any button will silence the reminder.

You can now run another test by placing a test strip in the test strip port and following the testing instructions (page 10).

When you have completed this test and the result is shown on the display, 🕒 will flash. To mark this test as an After Meal result, press **M**. If you do not want to mark this test, remove the test strip to turn the meter off.

If you decide not to test after the reminder sounds, press any button to turn your meter off.

The meter will only set one reminder at a time. It will remember the last reminder set.

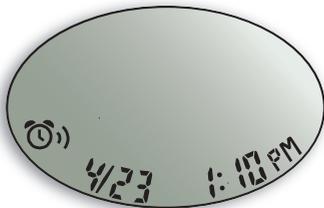


## To Cancel a Next Test Reminder:

When the meter is off, press **M** to turn on the meter. The date and time will appear along with the .

Press **▲** or **▼** two times and the  will disappear.

Press **M** to cancel the reminder.



If the reminder sounds while you are playing a game or connected to a PC, you will see  on your meter to remind you to disconnect before testing your blood sugar. Save your game, turn off the Nintendo DS and remove the meter (or disconnect from your PC). Then replace the slide cover before testing your blood.



## After performing a test:

TO MARK RESULTS	YOU WILL SEE	TO SET	YOU WILL SEE	WHAT IT MEANS
<b>Before Meal</b> Press <b>▲</b> or <b>▼</b>	 (Flashing)	Press <b>M</b>		Result is marked as a Before Meal test. You can now set a reminder.
<b>Next Test Reminder</b> Press <b>▲</b> or <b>▼</b>	 (Flashing)	Press <b>M</b>		Reminder is set to go off in the amount of time you have set (1.0–2.5 hours) to remind you to run an After Meal test.
<b>After Meal</b> Press <b>▲</b> or <b>▼</b>	 (Flashing)	Press <b>M</b>		Result is marked as an After Meal test.
<b>Logbook</b> Press <b>▲</b> or <b>▼</b>	 (Flashing)	Press <b>M</b>		Result is marked in memory as unique. You should note this in your Clinilog <sup>®</sup> logbook.

Need Help? Call toll free: 1-800-348-8100

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## Viewing Stored Results

### Viewing Basic Mode Results:

Press **M** to turn your meter on. Wait 2 seconds and press **M** again to view the memory.

The **14 day average** will appear in the center of the display with the number of results shown at the bottom of the display. Any control results are not included in this 14 day average.



**n** is the number of test results used for this average.

Press **▲** to view the 7 day high and low summary.

At the bottom of the display you will see the number of HI results (above 180 mg/dL) and LO results (below 72 mg/dL) during the preceding 7 day period. **n** is the number of test results.



Press **▼** two times to review previous results.

Results will be shown starting with the most recent. Each result will show the date and time of the test.

You can press **▲** or **▼** to scroll forward or backward through the results.



When **End** appears on the display, you have viewed all of the results in the memory.



### NOTES:

- Averages include the specified time period plus the current day.
- The meter will hold 480 results in the memory. When the maximum is reached, the oldest test result will be removed as a new test is completed and saved to the memory. You cannot manually delete test results.
- Press **M** to turn the meter off, or it will automatically turn off after 3 minutes.

### Viewing Advanced Mode Results:

In Advanced (L-2) Mode, you have all of the options described in Basic (L-1) Mode plus additional items available.

Press **M** to turn your meter on. Wait 2 seconds and press **M** again to view the **14 day average** including the number of results used to obtain the average.



**Press ▼ to review previous results.**

Results will be shown starting with the most recent. Each result will show the date and time the test was taken and any marker for that test.



You can press ▲ or ▼ to scroll forward or backward through the results.

When **End** appears on the display, you have viewed all of the results in the memory.

**Viewing Advanced Mode Averages:**

Press **M** to turn your meter on. Press **M** again to view the **14 day average** including the number of results used to obtain the average.

**Press ▲ to view the 7 day high and low summary.**

At the bottom of the display you will see the number of HI and LO results. In the center of the display is the total number of results.



**n** is the number of test results in the average.

**Press ▲ to view the 7 day average.**

You will see the average in the center of the display and the number of results along the bottom.

**Press ▲ to view the 30 day average.**

This will display the average in the center and the number of readings along the bottom.



Press ▲ again to view the 30 day average of results marked with a **Before Meal marker**.



Press ▲ again to view the 30 day average of results marked with an **After Meal marker**.



Press ▲ again and you will see **End**.

Press **M** to turn the meter off, or it will automatically turn off after 3 minutes.

## Error Codes and Symbols:

If you do not resolve the problem, contact Bayer

WHAT YOU SEE	WHAT IT MEANS	WHAT YOU SHOULD DO
 (will remain on the display)	Low battery.	Replace the battery as soon as possible.  Call Bayer Diabetes Care Customer Support at 1-800-348-8100 for the Free Batteries for Life program.
<b>E1</b> 	Temperature out of range.	Move to an area that is within the operating range for the meter: 41°F – 113°F. Let the meter adjust to this temperature for 20 minutes before performing a test.
<b>E2</b> 	The test strip has not filled enough for an accurate test.	Remove the test strip and retest using a new test strip. Wait until you see the flashing blood drop on the display before testing.
<b>E3</b> 	The meter is sensing a used test strip.	Remove the test strip and retest using a new test strip. Wait until you see the flashing blood drop on the display before testing.
<b>E4</b> 	Test strip not inserted correctly.	Remove and reinsert the test strip properly (see page 11).
<b>E5 E12</b> <b>E6 E13</b> <b>E8 E16</b> <b>E9</b>	Possible software or hardware issue.	Remove the test strip and retest using a new test strip.  If you continue to have problems, contact Bayer Diabetes Care Customer Service.

Diabetes Care Customer Service at 1-800-348-8100.

WHAT YOU SEE	WHAT IT MEANS	WHAT YOU SHOULD DO
<b>E7</b> 	Incorrect test strip type.	Remove the test strip and retest using a new test strip. Make certain that you are using a CONTOUR® test strip from Bayer.
	Very fast blink means there is an error. Steady blink means the meter is transmitting correctly.	Turn off the Nintendo. Remove and reinsert the meter.  If you continue to have problems, contact Bayer Diabetes Care Customer Service at 1-800-348-8100.
<b>E11</b>	Abnormal result.	Remove the test strip and retest using a new test strip. Be sure you wash your hands and carefully follow the instructions in this user guide.
<b>HI</b>	Test result is above 600 mg/dL.	<ul style="list-style-type: none"> <li>Wash your hands. Repeat the test using a new test strip.</li> <li>If your result still flashes "HI," contact your doctor or diabetes care nurse immediately.</li> </ul>
<b>CAUTION: Test results above 250 mg/dL may be a sign of a serious medical condition.</b>		
<b>LO</b>	Test result is below 20 mg/dL.	<ul style="list-style-type: none"> <li>Repeat the test using a new test strip.</li> <li>If your result still flashes "LO," contact your doctor or diabetes care nurse immediately.</li> </ul>
<b>CAUTION: Test results below 60 mg/dL may be a sign of a serious medical condition.</b>		

Need Help? Call toll free: 1-800-348-8100

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If you do not resolve the problem, contact Bayer Diabetes Care Customer Service at 1-800-348-8100.

WHAT YOU SEE	WHAT IT MEANS	WHAT YOU SHOULD DO
↓	<ul style="list-style-type: none"> <li>Strip was inserted while connected to gaming system or PC.</li> </ul>	<ul style="list-style-type: none"> <li>Remove your meter from the gaming system or PC before performing a blood glucose test.</li> </ul>
<b>Control test result is out of range (too high or too low).</b>	<ul style="list-style-type: none"> <li>Test strip or control solution is past the expiration date.</li> <li>Incorrect control solution was used.</li> <li>Control solution is not at room temperature or not mixed.</li> <li>Test strip is deteriorated due to heat or moisture.</li> <li>Meter could be damaged.</li> </ul>	<ul style="list-style-type: none"> <li>Check all expiration dates. Do not use expired testing materials.</li> <li>Make sure you are using Bayer's CONTOUR control solution.</li> <li>Gently rock the control bottle to ensure the control solution is mixed well.</li> <li>Run another control test using a new test strip and control solution.</li> <li>If result is still out of range, contact Bayer Diabetes Care Customer Service.</li> </ul>
<b>Some display segments do not appear when the meter first turns on.</b>	Possible meter electronics failure.	Compare the meter display with the illustration on page 3. If the display is not correct, contact Bayer Diabetes Care Customer Service.
<b>Results are not displayed in expected units of measure (mg/dL).</b>	This may affect the way you see your results.	Contact Bayer Diabetes Care Customer Service, 1-800-348-8100.

*Blood glucose results are never shown on the Nintendo DS system.*

## Changing the Battery:

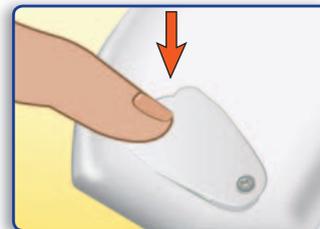
Have your parent or a responsible adult change the battery. The battery should be replaced when the meter continually displays .

**(See Error Codes and Symbols, page 40.)**

**NOTE:** If you put the new battery in the meter within 5 minutes of taking the old one out, all your settings and results will be saved. If you take more than 5 minutes, you will need to reset the date and time. Your other settings, test results, and game points will be saved.

The DIDGET meter uses a 3 Vdc lithium battery, CR2032 or DL2032.

1. Turn off your meter before changing your battery.
2. Loosen the screw on the back of the meter using a small Phillips head  screwdriver.
3. After you completely loosen the screw, press down on the wide end of the cover. You will now be able to remove the battery cover.



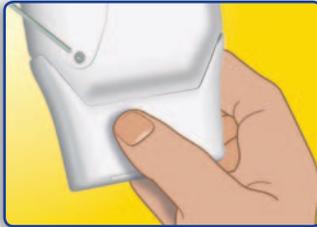
**Need Help? Call toll free: 1-800-348-8100**

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4. Remove the old battery by pressing the top of the battery. This will raise up the bottom of the battery.



5. Place a new battery into the battery compartment with the "+" side up.



6. Replace the battery cover and tighten the screw.



**WARNING:** Keep batteries away from small children. Lithium batteries are poisonous. If swallowed, immediately contact your physician or poison control center. Discard batteries according to your local environmental regulations. The battery contains perchlorate – special handling conditions may apply.

### Caring for the System:

- Store the meter in the carrying case provided whenever possible.
- Do not store food or snacks in your carrying case.
- Wash hands and dry them thoroughly before handling to keep the meter and test strips free of oils and other contaminants.
- Handle the meter carefully to avoid damaging the electronics or causing other malfunctions.
- Do not carry the meter in a sealed plastic bag.
- Avoid exposing the meter and test strips to excessive humidity, heat, cold, dust, or dirt.
- Keep your slide cover on the meter when it is not connected to the game system.
- The exterior of the meter can be cleaned using a moist (not wet) lint-free tissue with a mild detergent or disinfectant solution, such as 1 part bleach mixed with 9 parts water. Wipe dry with a lint-free tissue after cleaning.

**CAUTION:** Do not allow cleaning solution or any liquid to run in or around the buttons or openings in the meter case. Doing so may cause a malfunction.

## Technical Information:

**Accuracy:** The accuracy of the DIDGET blood glucose monitoring system was assessed in a correlation study using fresh capillary blood specimens from 121 subjects, having a plasma reference glucose range of 53.7 - 463.5 mg/dL. Additionally, some of the blood samples were spiked or glycolyzed to give a total of 168 specimens spanning a glucose range of 25.7 - 563.5 mg/dL. The reference measurement was done on a YSI® Glucose Analyzer. Regression equations describing the relationship between DIDGET (y) and YSI (x) were:  $y=0.99(x) - 0.72$  for the capillary-only samples; and  $y=1.02(x) - 3.43$  for the combined set of capillary + modified samples. In the combined set of samples, 98.21% of the individual glucose results fell within  $\pm 15$  mg/dL of the reference measurement for glucose concentrations  $< 75$  mg/dL, and within 20% at glucose concentrations  $\geq 75$  mg/dL.

**Precision:** An in-lab study was conducted with Bayer's DIDGET blood glucose monitoring system with five heparinized whole blood specimens with glucose levels from 39 to 334 mg/dL. Multiple replicates (n=100) were tested using multiple DIDGET blood glucose meters and one lot of CONTOUR blood glucose test strips. The following precision results were obtained.

### Plasma/Serum:

Mean	SD	Coefficient of variation
39 mg/dL	0.9 mg/dL	2.3%
81 mg/dL	2.1 mg/dL	2.6%
131 mg/dL	2.0 mg/dL	1.5%
198 mg/dL	3.4 mg/dL	1.7%
331 mg/dL	7.1 mg/dL	2.1%

Your DIDGET blood glucose meter is specific for glucose and has been referenced to plasma/serum values. Methods calibrated to plasma/serum can be 9 to 15% higher than the results of whole blood glucose assay methods.

**Need Help? Call toll free: 1-800-348-8100**

## Potential Biohazard

**The DIDGET meter is intended for use with only one person. All products or objects that come in contact with human blood, even after cleaning, should be handled as if capable of transmitting viral diseases.<sup>3</sup>**

### Specifications:

**Test Sample:** Whole blood

**Test Result:** Referenced to plasma/serum and deproteinized whole blood

**Sample Volume:** 0.6  $\mu$ L

**Measuring Range:** 20–600 mg/dL

**Measuring Time:** 5 seconds

**Memory Feature:** Stores most recent 480 test results

**Battery Type:** One 3 Vdc lithium battery (DL2032 or CR2032)

**Battery Rating:** 220mAh

**Battery Life:** Approximately 1000 tests (1 yr. average use)

**Operating Temperature Range:** 41°–113°F

**Humidity:** 10–93% RH

**Dimensions:** 95 mm (H) x 77 mm (W) x 21 mm (T)

**Weight:** about 76 grams

**Sound:** A beep sounds when the meter is turned on, a test strip is inserted, a test strip is filled with blood, or a test result appears on the display. Two beeps sound when the meter turns off or to indicate an error. Twenty beeps sound for a reminder.

**Electromagnetic Compatibility:** The DIDGET™ meter complies with the electromagnetic requirements specified in ISO 15197. Electromagnetic emissions are low and unlikely to interfere with other nearby electronic equipment, nor are emissions from nearby electronic equipment likely to interfere with the DIDGET™ meter. Immunity to electrostatic discharge meets the requirements of IEC 61000-4-2. It is advisable to avoid use of electronic devices in very dry environments especially if synthetic materials are present.

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## Warranty:

**Manufacturer's Warranty:** Bayer HealthCare warrants to the original purchaser that this instrument will be free from defects in materials and workmanship for 5 years from the date of original purchase (except as noted below). During the stated 5-year period, Bayer HealthCare shall, at no charge, replace a unit found to be defective with an equivalent or current version of the owner's model.

**Limitations of Warranty:** This warranty is subject to the following exceptions and limitations:

1. A 90-day warranty only will be extended for consumable parts and/or accessories.
2. This warranty is limited to replacement due to defects in parts or workmanship. Bayer HealthCare shall not be required to replace any units which malfunction or are damaged due to abuse, accidents, alteration, misuse, neglect, maintenance by someone other than Bayer HealthCare, or failure to operate the instrument in accordance with instructions. Further, Bayer HealthCare assumes no liability for malfunction or damage to Bayer HealthCare instruments caused by the use of reagents other than reagents (i.e., CONTOUR<sup>®</sup> test strips) manufactured or recommended by Bayer HealthCare.
3. Bayer HealthCare reserves the right to make changes in design of this instrument without obligation to incorporate such changes into previously manufactured instruments.
4. Bayer HealthCare has no knowledge of the performance of the DIDGET<sup>™</sup> blood glucose meter when used with any test strips other than CONTOUR test strips, and therefore makes no warranty of the performance of the DIDGET meter when used with any test strips other than CONTOUR test strips or when the CONTOUR test strip is altered or modified in any manner.

5. Bayer HealthCare makes no warranty of the performance of the DIDGET meter or test results when used with any control solution other than CONTOUR control solution.

BAYER HEALTHCARE MAKES NO OTHER EXPRESS WARRANTY FOR THIS PRODUCT. THE OPTION OF REPLACEMENT, DESCRIBED ABOVE, IS BAYER HEALTHCARE'S ONLY OBLIGATION UNDER THIS WARRANTY.

IN NO EVENT SHALL BAYER BE LIABLE FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, EVEN IF BAYER HEALTHCARE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

**For warranty service:** Purchaser must contact the Customer Service Department of Bayer Diabetes Care, by calling toll free 1-800-348-8100, for assistance and/or instructions for obtaining service of this instrument.

## PATENTS

The system described herein is covered by one or more of the following US patents and their international equivalents: 5,120,420; 5,134,391; 5,266,179; 5,582,697; 5,620,579; 5,723,284; 5,954,738; 6,451,040; 6,494,830; 6,599,406; 6,699,188; 6,827,829; 6,911,131; 7,232,510; D536,382; and other domestic and international patents pending.

**Need Help? Call toll free: 1-800-348-8100**

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## Service Information:

If you have a problem and none of the problem solving steps in this user guide help, call Bayer Diabetes Care Customer Service. In the USA, call toll free: 1-800-348-8100 (7 days a week/24 hours a day). We have trained specialists to help you.

### Important:

- ▶ Speak to a Bayer Diabetes Care Customer Service Representative before returning your meter for any reason. He/she will give you the information needed to get your problem handled correctly and efficiently.
- ▶ Have your DIDGET blood glucose meter and CONTOUR test strips available when you phone. It would also be helpful to have a bottle of CONTOUR control solution nearby.

### Check List

This check list may be helpful when speaking with Bayer Diabetes Care Customer Service:

1. Locate the serial number on the back of the meter. The model number is 6181.  
\_\_\_\_\_
2. Locate the expiration date of the CONTOUR test strips on the bottle.  
\_\_\_\_\_
3. Check the battery icon on the display. (See page 43, Changing the Battery.)



## Supplies:

When calling or writing for supplies, be sure to include the number with the name of the replacement part or accessory item. Call 1-800-348-8100 for our "Free Batteries for Life" program.

### REPLACEMENT PARTS

#### Part or Product Number\*

40030030  
  
82530631  
81322547  
81322571  
6606  
6586  
81322652  
81730157

#### Item

One 3 Vdc Lithium Battery  
DL2032 or CR2032  
DIDGET User Guide  
USB Mini Cable  
DIDGET Game Instruction Booklet  
MICROLET2 Lancing Device  
MICROLET Lancets  
Protective Slide Cover  
Battery Cover

\*Part numbers are subject to change without notice.

**These parts are available in the United States from:**

**Bayer HealthCare LLC  
Customer Service Department Order Entry  
P.O. Box 2004  
Mishawaka, Indiana 46546  
or call 1-800-348-8100 to order**

### REFERENCES

- <sup>1</sup>American Diabetes Association, [www.diabetes.org](http://www.diabetes.org)
- <sup>2</sup>American Diabetes Association: Standards of Medical Care in Diabetes (Position Statement). *Diabetes Care* 32 (Suppl. 1):S22, 2009.
- <sup>3</sup>Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline—Third Edition. Clinical and Laboratory Standards Institute (CLSI), document M29-A3, (ISBN 1-56238-567-4). CLSI, 940 West Valley Road, Suite 1400, Wayne, Pennsylvania 19087-1898, USA 2005.

**Need Help? Call toll free: 1-800-348-8100**

**[www.bayerdiabetes.com/us](http://www.bayerdiabetes.com/us)**

## Meter/Game Connection Messages

When your DIDGET™ meter is inserted into a Nintendo DS™ or Nintendo DS™ Lite system, you will see one of the following messages on your Nintendo DS screen:

What You See	What It Means
The DIDGET has been detected, attempting to download information. DO NOT turn off the power or remove the DIDGET.	The DIDGET meter is functioning normally.
The DIDGET was not detected. Please turn the power off, reinsert the DIDGET, and turn the power back on or continue without connecting.	If meter is connected to Nintendo DS, please see below.
A failure occurred while attempting to read and/or write to the DIDGET's hardware. Please consult the DIDGET's User Guide for instructions on how to correct this problem.	Please see below.
A timeout occurred while attempting to read and/or write to the DIDGET's hardware. Please consult the DIDGET's User Guide for instructions on how to correct this problem.	Please see below.
A device not found error occurred while attempting to read and/or write to the DIDGET's hardware. Please consult the DIDGET's User Guide for instructions on how to correct this problem.	Please see below.
An illegal data error occurred while attempting to read and/or write to the DIDGET's hardware. Please consult the DIDGET's User Guide for instructions on how to correct this problem.	Please see below.

**Many issues can be resolved by simply restarting the Nintendo DS with your DIDGET meter inserted.**

**If you need help with your DIDGET meter, please contact Bayer Diabetes Care Customer Support at 1-800-348-8100.**



Bayer HealthCare

**Bayer HealthCare LLC**  
**Mishawaka, IN 46544 USA**  
**[www.bayerdiabetes.com/us](http://www.bayerdiabetes.com/us)**

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Nintendo DS is a trademark of Nintendo.

YSI is a trademark of YSI International.



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