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Introduction

The GP200, BIONIME's Diabetes Assistant Software, is intended for use by Healthcare Professionals, and patients with Diabetes. Once the GP200 is installed on your computer, a database is created that can be used to store multiple user profiles, and can manage your Blood Glucose Readings. Each person who uses the Software will have his or her own ID, and must log in at each use. The GP200 enables users to view and organize their Blood Glucose Readings, which are uploaded from your Bionime Meter. Users can backup their profiles, and print their blood glucose data directly from their computer.

This Software helps you understand your Diabetes and can help you manage your Blood Glucose Readings efficiently.

The GP200 is not intended to provide treatment decisions, and is not to be used as a substitute for a Healthcare Professional's judgment. All medical diagnoses and treatment plans are to be performed by a licensed Healthcare professional.

Computer System Requirements

Before you install the GP200 Software, please make sure the following requirements are met:

1. A Microsoft Windows computer with the following components are needed:

- CPU: 550 MHz Intel Pentium 3 or above
- DRAM: 512 MB or more
- HD: 600 MB
- OS: Windows XP (SP3 or above), Windows Vista, or Windows 7
- Internet Explorer 7.0 or above
- USB 2.0 or above
- LCD with resolution of 1024*768 or above, and 65536 colors or more
- Printer (if you want to print any Reports)
- CD-ROM drive
- Mouse and keyboard

2. The GP200 Installation CD

3. The *Rightest*™ PC link adapter GP550 and GP550 Installation CD (PL2303).

NOTE

1. BIONIME's GM550 and GM700 Meters are compatible with the Diabetes Assistant GP200 Software.
2. The GP550 *Rightest*™ PC Link Adaptor is needed to connect your Meter to your computer.

Installation

Before using the Diabetes Assistant Software, make sure that the CD is included in the product box. Please install the GP200 Installation CD following these Installation Steps:

Installation Steps:

1. Turn on your computer, and insert the GP200 Installation CD into your computer.
2. Locate the file, and double click on "BIONIME GP200". Follow the instructions in consecutive order, and complete the installation.



NOTE

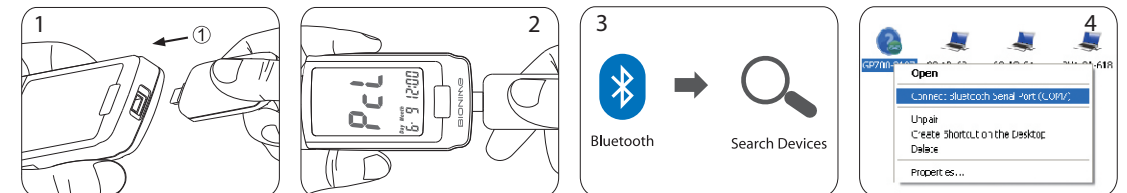
After installing the GP200, you must install the *Rightest*™ PC link adapter GP550 Installation CD. If you DO NOT install the GP550 CD, your Blood Glucose Readings WILL NOT transfer to your computer.

Link to Computer

BIONIME Diabetes Assistant Software GP200 supports BIONIME *Rightest*™ BGMS GM700. The following instructions will help you connect your device to your personal computer through bluetooth PC link conductor GP700 .

Connection Steps

1. Plug mini USB connector of GP700 into mini USB port of your device, GP700
2. "PCL" will appear on the screen, and you will see the green light is on from the indicator lamp of POWER.
3. Click on Bluetooth logo and search the devices which are with Bluetooth function.
4. Click on "GP700" and connect Bluetooth serial port of computer. You are required to key in passwords "0000" when first connection.
5. After connection is established successfully, you can transfer blood glucose readings to GP200.



The linkage of the GM700 and your computer is now completed.

Recharge Battery

When the battery almost run out electricity, the indicator lamp of POWER will turn to red. Please plug in USB charge cable to charge GP700. The indicator lamp is red during charging, once the indicator lamp become to green, the GP700 is full charged.

NOTE:

1. Please Verify whether your computer have Bluetooth function, if there is no this function, please buy an Bluetooth dongle and set up completely.
2. Before you can connect GP700 and Bluetooth serial port of computer, please verify that GP700 is on and "PcL" appears on the screen. If "PcL" is not shown, please check the mini USB connection between the device and GP700. (Refer to **Connection Setup** on page 5)
3. GP700 will shut down automatically after 2 minutes idle, and the "PcL" will disappear from screen of your device. If you want to transfer data, please plug GP700 and connect to Bluetooth serial port of computer again.

The Indicatoin of LED Lamp

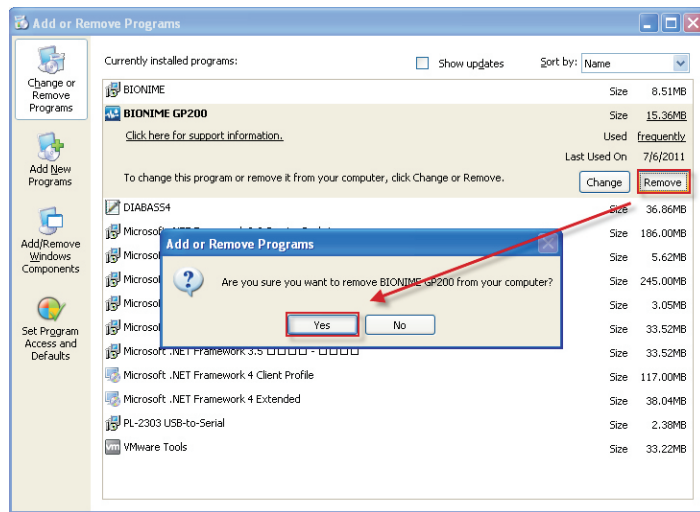
Indication	What you see...	What does it mean?
POWER	Green color	When GP700 is plugged into your device, the power supply is sufficient for transferring data.
		When GP700 is full charged, the color will change to Green from Red.
	Red color	When GP700 is plugged into your device, the power supply is insufficient, but still able to transfer data.
		When GP700 is during charging.
	None	When GP700 is plugged into your device, the power supply can't start your devise.
		When GP700 is plugged into your device, and after 2 minutes idle, the power is shut down automatically.
Bluetooth	None	When GP700 is plugged into your device, but waiting to connect to Bluetooth serial port of computer.
		When GP700 is disconnected with Bluetooth serial port of computer.
	Blue Color	When GP700 connect successfully to Bluetooth serial port of computer.
	Blue and Flashing	When GP700 connect successfully to Bluetooth serial port of computer, and under data transferring.

Un-install Program

To un-install the GP200 Software, please complete the following steps.

To Un-install:

1. Go to the Add/Remove Program under your Computer's Settings.
2. Select BIONIME GP200.
3. Click on "Remove" or "un-install", and then confirm. The program is now un-installed.



Language Setting

After installation, the first time you launch the GP200 Diabetes Assistant Software you will be asked to select a Language. Please choose your desired language setting, and then click on the 'OK' button to finish the setup.

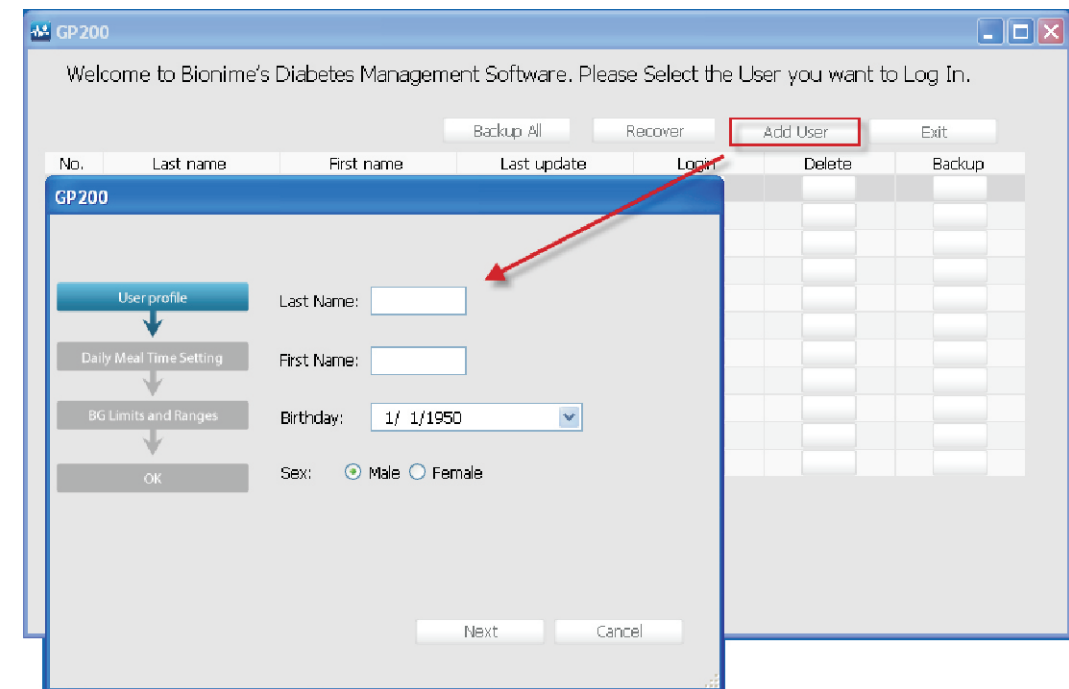
Creating User Profiles

The GP200 Software can be used by multiple users. Before using the program, each user must create their own individual profile. In order to operate the program, each user must log in an individual ID. Please create your own profile by following the steps listed below.

1. Click on **Add user** to create your user profile. Follow the instructions carefully, and be sure to input your personal information, meal time schedule, and Blood Glucose information.
2. Basic Setup:
Enter in your last name, first name, date of birth, sex, height, and weight. The Software will calculate your BMI value based on your Height and Weight.
3. Meal Time Schedule:
The Software has 3 different meal time slots available for you to set. Make sure to set the 3 Meal Times based on your normal daily eating schedule. This allows the data analysis to track the blood glucose variation between each of your meals.

MEAL TIME KEY:
 - Before Bfast.: BEFORE BREAKFAST
 - Before L.: BEFORE LUNCH
 - Before Din.: BEFORE DINNER
 - After Bfast.: AFTER LUNCH
 - After L.: After Lunch
 - After Din.: AFTER DINNER
4. Blood Glucose Limits and Ranges Setting:
Specified limits and ranges will be displayed in the Analysis Reports. They will be based on appointed Blood Glucose values including hyperglycemia and hypoglycemia limits, and normal Blood Glucose ranges. You should consult with a Healthcare Professional or your Physician to discuss what your personal limits and ranges should be. Your Blood Glucose Readings will be color coded in tables and trend charts. This will allow you to read the Blood Glucose Reports easily, and will also help you to accurately control your Blood Glucose levels based on your personal trends.
5. Click on to **Next** finish and exit the Profile set up.
6. You can now login with your individual ID and start using your GP200 Software.

Creating User Profiles



Creating User Profiles (continued)

Main Features


NOTE


1. To ensure that all of your Blood Glucose Readings from your Meter appear in the corresponding meal time slot in the Software, it is extremely important that the meal schedule you set in the Software matches your actual daily meal schedule.
2. When you are entering in your name and Blood Glucose Ranges, it is important NOT to leave those fields blank. If they are left blank, the program will not allow you to proceed to the next step.
3. According to the AACC (The American Association for Clinical Chemistry):
 - Hyperglycemia is any value higher than 126mg/dL.
 - The normal Range for those without Diabetes should have a Blood Glucose Reading within 70~99 mg/dL.


* Please discuss with your Healthcare Physician on what values to enter for your Blood Glucose Ranges and limits.
<http://www.labtestsonline.org/understanding/analytes/glucose/test.html>


On the Home Page, your 10 latest Blood Glucose Readings will appear. Also, your To-Do List with the 5 most recent "To-Dos" will also be visible. On this page, you will also see icons with all of the Main Features. Below, please see descriptions of the Features.



 **Home Page:** This feature allows you to return to the Home Page.

 **View Data:** This feature allows you to view your Blood Glucose Readings.

 **Import Data:** This feature uploads your Blood Glucose Readings from your Meter.

 **To-Do List:** This feature lets you input important reminders such as dates, times, and notifications.

Main Features (continued)



Blood Glucose Readings: This is an extensive review of your Blood Glucose Readings.



Advanced Data Analysis: This is an extensive review of the Trend Chart and Distribution of your Blood Glucose.



Print Report: This allows you to print your Blood Glucose Analysis Report and your user information.



User Settings: Under Settings, you can change your profile information.



NOTE



: This allows you to access BIONIME's services through the internet or through email.





Help: This goes directly to the online user manual.

Importing Data

All of your Blood Glucose Readings from your Meter, including the date and time of the Readings, can be transferred to your computer. During the data transfer, your Blood Glucose Readings will not be altered, and the Readings on your Meter will not be deleted after the transfer is complete. The steps to Import Data are as follows:

Steps to Import Data:

1. Click on  to start transferring the data.
2. As the data is transferring, you will see a completion percentage until it has finished downloading.
3. Click on  to finish and exit.



NOTE

1. In order for Data Importing to successfully work, "PcL" needs to appear on the Meter screen BEFORE the data can be transferred. If "PcL" does NOT appear on your screen, please check the connection between the GP550 and the GM550. You can refer to Page 5 on how to properly connect your Meter to your computer.
2. You can choose which Blood Glucose Readings you want to import from your Meter, and the rest of the data will NOT be transferred to your computer. However, if there is data that you choose NOT to upload, those Readings will not be able to be uploaded again.


Viewing Your Data

With your GP200 Software, you have the ability to review and analyze all of your Blood Glucose Readings on your computer. When viewing your data, a table showing your Blood Glucose Readings and a Trend Chart will appear on the screen.

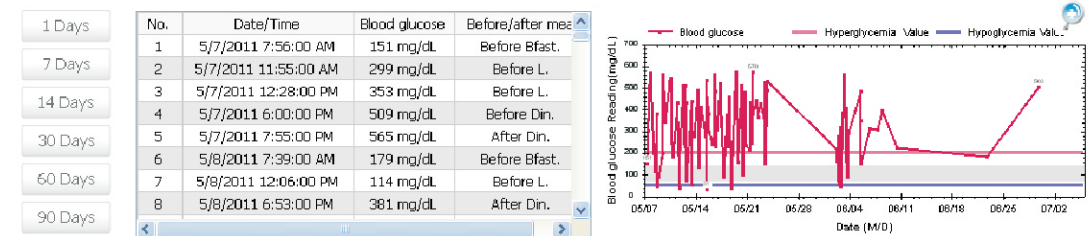
Measuring dates, time stamps, and meal times will be displayed in the data table while viewing your Readings. As shown below, on the left of the Data Table you have the ability to select certain time periods to review.





In the Blood Glucose Trend Chart, you will see two lines that represent the hyperglycemia and hypoglycemia limits. In between these two values resides the Normal Blood Glucose Range. The limits and range can help you to understand your Blood Glucose Readings better. Please follow the steps listed below to view your data.

Steps to View your Data

1. Click on  to view your Blood Glucose Readings.
2. Select your desired time period based on which Readings and Trends you would like to see.


Viewing Your Data



1. Click on  to enlarge the Trend Chart.
2. Make sure to consult with a Healthcare Professional or your Physician before inputting the hyperglycemia and hypoglycemia limits, as well as the normal Blood Glucose Range.
3. On the Trend Chart:
 -  - The Gray Area in between the limits indicates the normal Blood Glucose Range.
 -  - The Red Line is the hyperglycemia value.
 -  - The Blue Line is the hypoglycemia value.

If you move your mouse cursor over the Trending Line, you can see your Blood Glucose Readings.

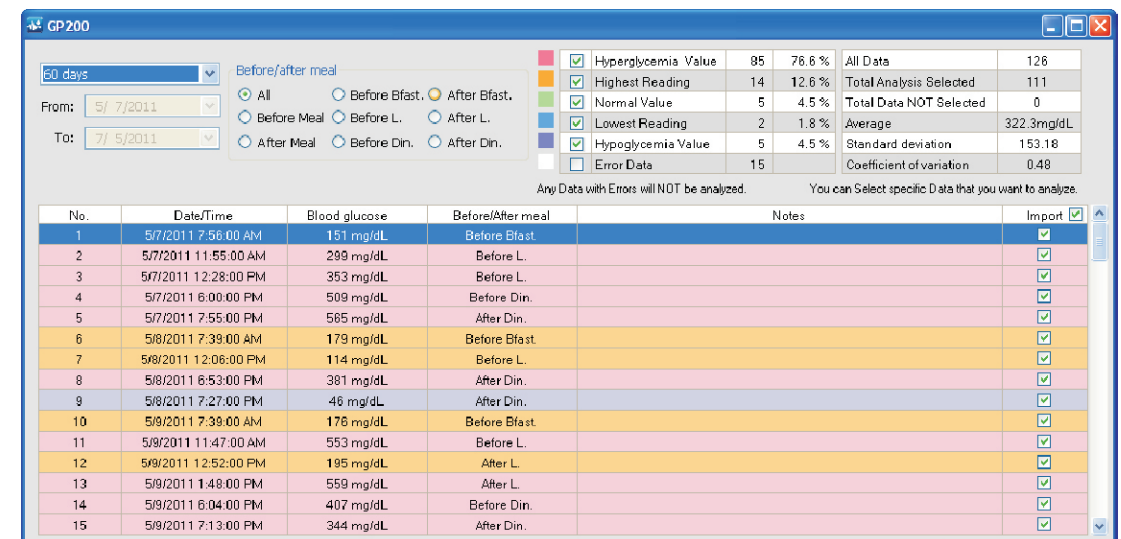
Data Analysis

By clicking on  you are able to view and analyze all of your Blood Glucose Readings, as seen on the following page.

Data Analysis Tools:

- You have the ability to choose different time periods to view your Blood Glucose Readings. What you see on the display screen will be adjusted based on the time period you selected.
- You can also review your Blood Glucose Readings by selecting different meal times. You have 9 meal times that you can choose from: before/after breakfast, before/after lunch, before/after dinner, before/after meal, or View All Data. Your data will be displayed based on your selection.
- Your Blood Glucose Readings will be represented by different colors, based on its value. Below is a Color Key for each:
 - [Red]** Your Blood Glucose Reading is higher than the hyperglycemia value
 - [Orange]** Your Glucose Reading is between the hypoglycemia value and the highest value of the normal Range
 - [Green]** Your Blood Glucose Reading is within the normal Range
 - [Blue]** Your Blood Glucose Reading is between the hypoglycemia value and the lowest value of the normal Range
 - [Indigo]** Your Blood Glucose Reading is lower than the hypoglycemia value
 - [White]** There is an ERROR in the Data
- The Software has 5 different ways to view your Data in Statistical Analysis form: View All Data, Total Analysis Data, Average Value, Standard Deviation, and Coefficient of Variation. Within these Reports, you can choose which time period to view. In the table, you can also view the percentage of each Blood Glucose Reading.
- When analyzing your Data, you can choose which Readings you want it to include. Keep in mind that the unselected Readings will be excluded from ALL calculations and Reports in the Data Analysis and as well as in the Advanced Data Analysis.

Data Analysis



No.	Date/Time	Blood glucose	Before/After meal	Notes	Import
1	5/7/2011 7:56:00 AM	151 mg/dL	Before Bfast.		<input checked="" type="checkbox"/>
2	5/7/2011 11:55:00 AM	299 mg/dL	Before L.		<input checked="" type="checkbox"/>
3	5/7/2011 12:28:00 PM	353 mg/dL	Before L.		<input checked="" type="checkbox"/>
4	5/7/2011 6:00:00 PM	509 mg/dL	Before Din.		<input checked="" type="checkbox"/>
5	5/7/2011 7:55:00 PM	565 mg/dL	After Din.		<input checked="" type="checkbox"/>
6	5/8/2011 7:39:00 AM	179 mg/dL	Before Bfast.		<input checked="" type="checkbox"/>
7	5/8/2011 12:06:00 PM	114 mg/dL	Before L.		<input checked="" type="checkbox"/>
8	5/8/2011 6:53:00 PM	381 mg/dL	After Din.		<input checked="" type="checkbox"/>
9	5/8/2011 7:27:00 PM	46 mg/dL	After Din.		<input checked="" type="checkbox"/>
10	5/9/2011 7:39:00 AM	176 mg/dL	Before Bfast.		<input checked="" type="checkbox"/>
11	5/9/2011 11:47:00 AM	553 mg/dL	Before L.		<input checked="" type="checkbox"/>
12	5/9/2011 12:52:00 PM	195 mg/dL	After L.		<input checked="" type="checkbox"/>
13	5/9/2011 1:48:00 PM	559 mg/dL	After L.		<input checked="" type="checkbox"/>
14	5/9/2011 6:04:00 PM	407 mg/dL	Before Din.		<input checked="" type="checkbox"/>
15	5/9/2011 7:13:00 PM	344 mg/dL	After Din.		<input checked="" type="checkbox"/>



NOTE

Any Data in the Meter that has an ERROR will be transferred to the database, but will be excluded from all calculations and analysis.





Advanced Data Analysis

There are 2 ways to view the Advanced Data Analysis Report: in a Trend Chart or in a Distribution of Blood Glucose Readings.

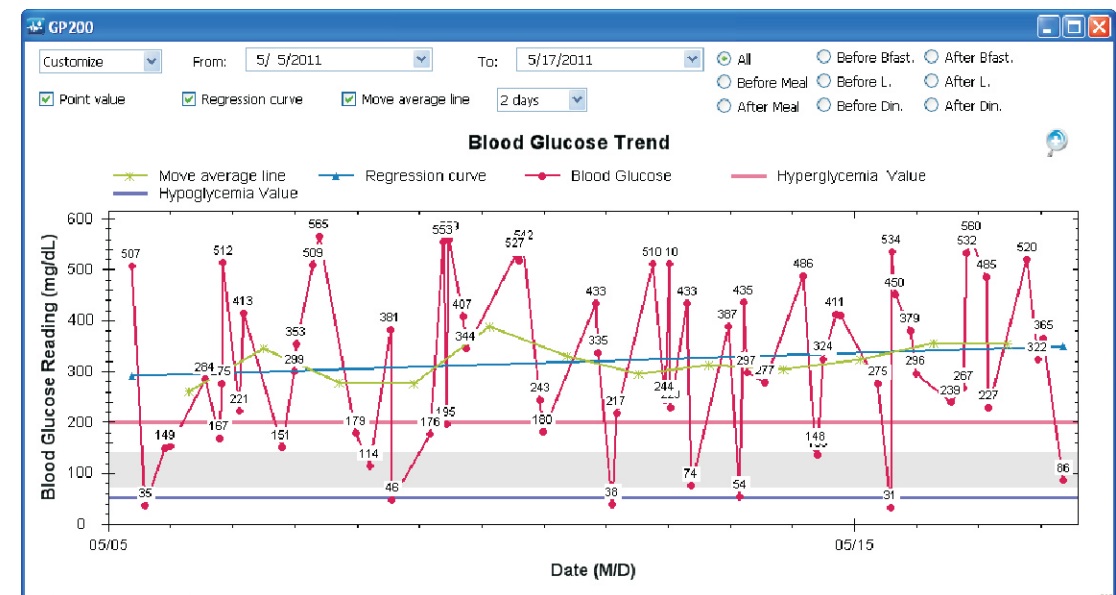
Blood Glucose Trend Chart Instructions:

1. In the Trend Chart, you can choose different time periods to view. The Trend Chart will adjust based on the time period that you select.
2. Data can also be viewed based on different meal times. You can choose from the following: Before/after breakfast, before/after lunch, before/after dinner, before/after meal, or View All Data. The Trend Chart will be displayed based on your selection.
3. In the Trend Chart, you can either display a Regression Curve or a Move Average Line. A Regression Curve lets you see the long-term patterns of the selected time period. The Move Average Line allows you to view the short-term changes within the selected time period. It does this by creating a series of averages based on different time periods.

NOTE

1. You have the option to unselect all of your Blood Glucose Readings if you do not want to see them. If you do this, then only the minimum and maximum values will be shown on the Trend. When you move the cursor over the Blood Glucose Data, it will show each Reading, along with the date and time.
2. If you choose to view your Blood Glucose Readings for one specific day only, then the Regression Curve and the Move Average Line will NOT be displayed.
3. Click on  to enlarge the Trend Chart.
4. On the Trend Chart:
 -  - The Gray Area in between the limits indicates the normal Blood Glucose Range.
 -  - The Red Line is the hyperglycemia value.
 -  - The Blue Line is hypoglycemia value.
5. It is important to consult with a Healthcare Professional or your Physician before inputting the hyperglycemia and hypoglycemia values, as well as the normal Blood Glucose Range.

Advanced Data Analysis



Advanced Data Analysis (continued)

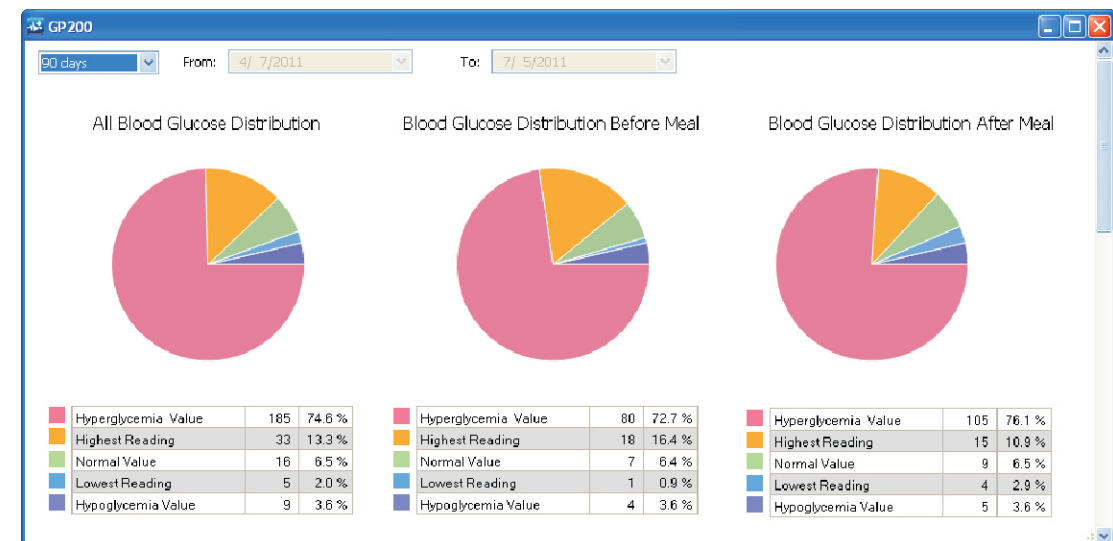
The GP200 Software lets you view your Blood Glucose Readings in many formats, including in a Pie Chart. The visual set up of the Pie Chart can be very helpful in understanding your Blood Glucose Readings better. The only data not available in the Pie Chart is the percentage of each Blood Glucose Reading (like in the Table Format).

Instructions for Pie Chart Use:

1. You can display certain Blood Glucose Readings by selecting different time periods. The Pie Chart will change based on the time period you choose.
2. In the Pie Chart, your Blood Glucose Readings will be represented by different colors, based on what the value is. On the following page you will find a **COLOR KEY** for each value.

- **[Red]** Your Blood Glucose Reading is higher than the hyperglycemia value.
- **[Orange]** Your Blood Glucose Reading is between the hyperglycemia value and the highest value of the normal range.
- **[Green]** Your Blood Glucose Reading is within the normal Range.
- **[Blue]** Your Blood Glucose Reading is between the hypoglycemia value and the lowest value of the normal range.
- **[Indigo]** Your Blood Glucose Reading is lower than the hypoglycemia value.

Advanced Data Analysis (continued)




NOTE

1. Any errors within the data will NOT be included in the Pie Chart.
2. Be sure to contact your Physician or a Healthcare Professional BEFORE you input the hyperglycemia and hypoglycemia values.

Printing Reports

With the GP200 Software, you can print your Blood Glucose Readings and Reports.

To print a report:

1. Click on  to enter the printing settings.
2. Select the time period for the readings and Reports you want to print.
3. You can click on 'Advanced Print' to view and print the Advanced Analysis Reports.





NOTE

1. If you do not want to print ALL of the Reports, you can use 'Print Review' and select certain pages to print.
2. You can only print The Regression Curve and the Move Average Line when you select the Advanced Print Function.
3. If you choose to only print one day of your Blood Glucose Data, the Regression Curve and the Move Average Line that are in the Trend Chart will NOT be available to print.

Changing User Settings

After logging into the Software, you can update or change the information in your user profile.

Refer to the following steps to modify or change your User Information:

1. Click on  to access your User Profile.
2. Now you can modify your personal information, your meal time schedules, and your Blood Glucose limits and ranges.
3. Click on  to save your settings.



NOTE

1. It is important that the meal time schedule you set up in the GP200 Software is the same as your daily meal schedules. This way your Blood Glucose Readings that you transfer from your Meter match the Software's set meal times.
2. If there is a scheduled meal time or a Blood Glucose Reading that is blank or has an error, the Software will not allow you to proceed to the next step.
3. According to the AACC (The American Association of Chemistry), the suggested Hyperglycemia maximum is any reading higher than 126mg/dL, and the normal Blood Glucose range is any Blood Glucose Reading within 70~99 mg/dL. Be sure to consult with a Healthcare Professional or your Physician BEFORE entering in your Blood Glucose limits and ranges.

FOR MORE INFORMATION PLEASE VISIT:

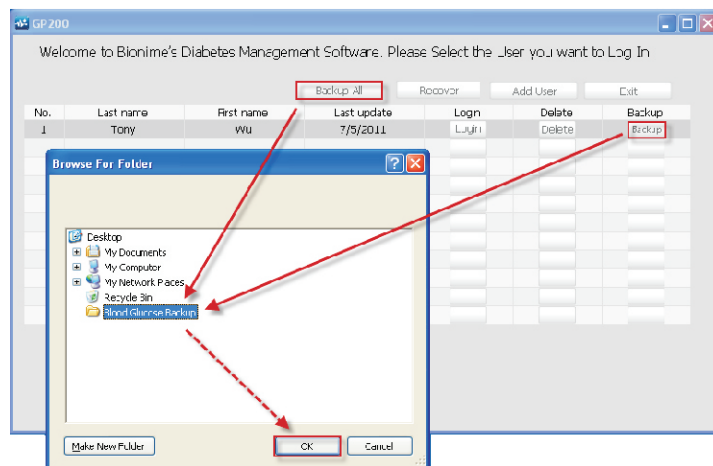
<http://www.labtestsonline.org/understanding/analytes/glucose/test.htm>

Backup and Recovery

You can back up your user profile or ALL User Profiles on the Welcome Screen before you login. This allows you to recover any lost data.

Backup Instructions:

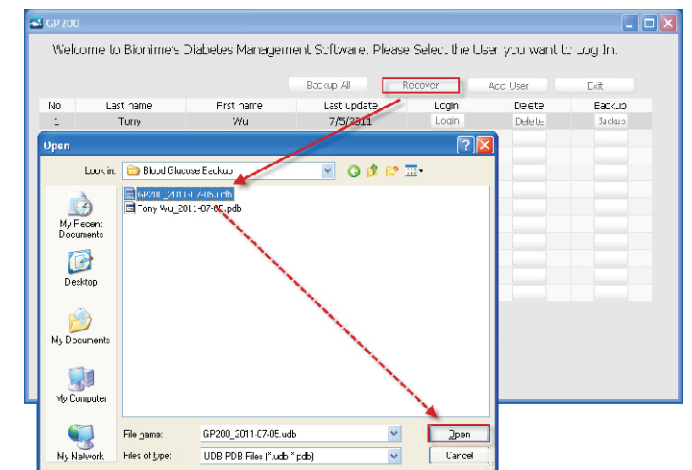
1. Click on to **Backup** your individual User Profile, or click on **Backup All** to all User Profiles.
2. Select the folder you want to save.
3. Click on **OK** to finish backing up.



Backup and Recovery

Recovery Instructions:

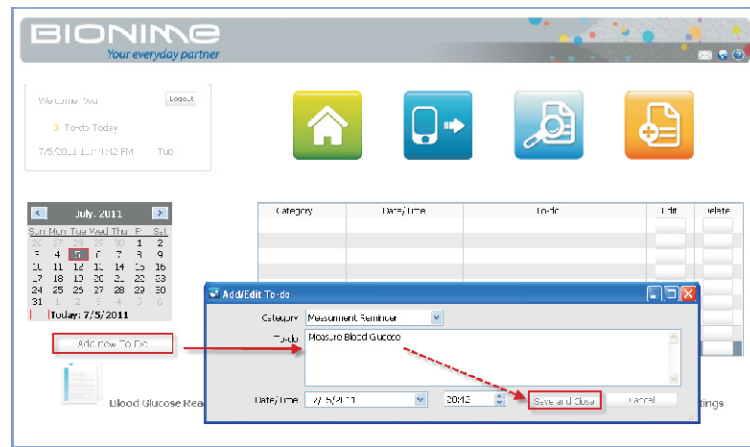
1. Click on **Recover** to retrieve your backed up data.
2. Select the file you want to recover.
3. Click on **Open** to finish the recovery.






NOTE
Please note that no matter which file you choose to recover, once you have confirmed to recover your data, your CURRENT profile will be replaced by the BACKUP profile that you selected.

To-Do List

The GP200 Software gives you the option to set up reminders of upcoming events, medicine measurements, or important comments and alerts. The instructions on how to create a To-Do List are below.



1. Click on  for To-Do List options.
2. Click on  to create a new event.
3. Set up the time, choose the category of the reminder, and enter in any notes about the event.
4. Click on  to finish and save.



NOTE

1. In each event, the maximum number of characters you can use in a note is **255**. If you exceed that amount, an ERROR message will pop up.
2. All Reminder messages will alert you at their appointed time.

Customer Service

Please be sure to read and review ALL instructions prior to using the Software.

At Bionime, our number one goal is to provide our customers with complete and high quality service. If you have any questions or concerns, please contact the Technical Service Department at Bionime toll free at 1-(888) 481-8485. You can also contact us directly by email at technicalsupport@bionime.com, OR by clicking on the internet icon when using the GP200 Software. We will do everything we can to provide you with satisfactory customer service.

If you have any health related questions or concerns, be sure to contact a Healthcare Professional or your Physician.

GP700 Specification

Size	66 mm x 26 mm x15 mm
Weight	16.5 +/- 0.5 g
Color	Black
Bluetooth standard	Class 2.1
Transmission Distance	< = 10 meter
Power supply	One rechargeable lithium battery
Time of charg	< 4 hours
Charging times	300 times
Transferring times	Continue 128 times with 1000 sets blood glucose data after full charged
Time of transferring	< 3 minutes (at 1000 sets blood glucose data)
Operating temperature	32~122 °F (0 ~ 50 °C)
Charging temperature	41~104 °F (5 ~ 40 °C)
Accessories	USB charge cable

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)

Federal Communications Commission (FCC) Statement

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.

FEDERAL COMMUNICATIONS COMMISSION (FCC) STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

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

FCC RF Radiation Exposure Statement:

1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.