

Instructions for the Diabetes Management Software


Diabetes Management Software is a tool for you to download your test readings for graphing and trending. It is intended for use as a data management tool for acceptance, transfer, display, storage, reporting, processing (e.g. averaging) and blood glucose monitoring data.

WARNING: This software is for reference and recording of diabetes management data. You should consult with your physician prior to making any adjustments in your diabetes medication, treatment, or blood glucose targets.

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Getting Started

Once you have installed the software successfully, the screen below appears and gives you the option to choice a user. If this is the first time you are using this software, you must add a user to have the ability to download your test readings. Click  you can add user or switch to the other users.



There are 6 main function icons in the button.

Profile: create, edit or delete your profile

Setting: set target range

Download: import data to the Diabetes Management

Calendar: display test readings

Chart: plot image of test readings according to time range, it is able to be export to image files.

Print: tablete view of test readings according to time range.

Profile

Please fill out the information. When downloading the software for the first time, it is required to create a profile before performing any other tasks.

(*) asterisk fields must be filled in completely before using software.

The screenshot shows a software window titled "Diabetes Management" with a language dropdown set to "English". The main area contains a form for creating a user profile. The form fields are arranged in two columns. The left column includes: "First name(*)", "Last name(*)", "Home phone", "Mobile phone", "E-mail", "Birthday" (with a date picker showing "2018/05/25"), "Address", "Weight", "Height", "Gender", "Smoker", "Blood glucose unit", "Blood glucose tests per day?", "How often do I exercise?", and "Type of diabetes?". The right column includes: "kilogram" and "pound" radio buttons for weight, "centimeter" and "inch" radio buttons for height, "male" and "female" radio buttons for gender, "no" and "yes" radio buttons for smoker status, "mg/dL" and "mmol/L" radio buttons for blood glucose units, and dropdown menus for "Blood glucose tests per day?", "How often do I exercise?", and "Type of diabetes?". To the right of the form is an icon of two people and a pencil. Below the form are three buttons: "Save", "Edit", and "Delete". At the bottom of the window is a navigation bar with six icons and labels: "Profile" (person icon), "Setting" (gear icon), "Download" (database icon), "Calendar" (calendar icon), "Chart" (line graph icon), and "Print" (printer icon). The status bar at the very bottom shows the word "Status".

First name(*)	
Last name(*)	
Home phone	
Mobile phone	
E-mail	
Birthday	2018/05/25
Address	
Weight	<input type="radio"/> kilogram <input checked="" type="radio"/> pound
Height	<input type="radio"/> centimeter <input checked="" type="radio"/> inch
Gender	<input checked="" type="radio"/> male <input type="radio"/> female
Smoker	<input checked="" type="radio"/> no <input type="radio"/> yes
Blood glucose unit	<input checked="" type="radio"/> mg/dL <input type="radio"/> mmol/L
Blood glucose tests per day?	0
How often do I exercise?	0 per week
Type of diabetes?	Type I

Save Edit Delete

Profile Setting Download Calendar Chart Print

Status

"Save" button: once the data have been entered, click save button to store the data.

"Edit" button: to update the revised data.

"Delete" button: to delete the profile, setting and whole test readings of the current user. This is a non-recoverable operation. There is a confirmation windows prompted to you before doing this operation.

Setting

To set the target blood glucose ranges by time segments determined by you and your health care professional.

Diabetes Management AP_V2.5.64r: ok_12

Diabetes Management

Breakfast Before: 06:30 To 08:00 After: 08:30 To 10:30

Lunch Before: 11:00 To 12:00 After: 13:00 To 15:00

Dinner Before: 15:30 To 17:30 After: 18:00 To 20:00

Evening: 20:30 To 22:00 Sleep: 22:30 To 06:00

Before each meal: 70 To 110 mg/dL

After each meal: 120 To 180 mg/dL

Overall Range: 70 To 210 mg/dL

Save

Profile Setting Download Calendar Chart Print

Status

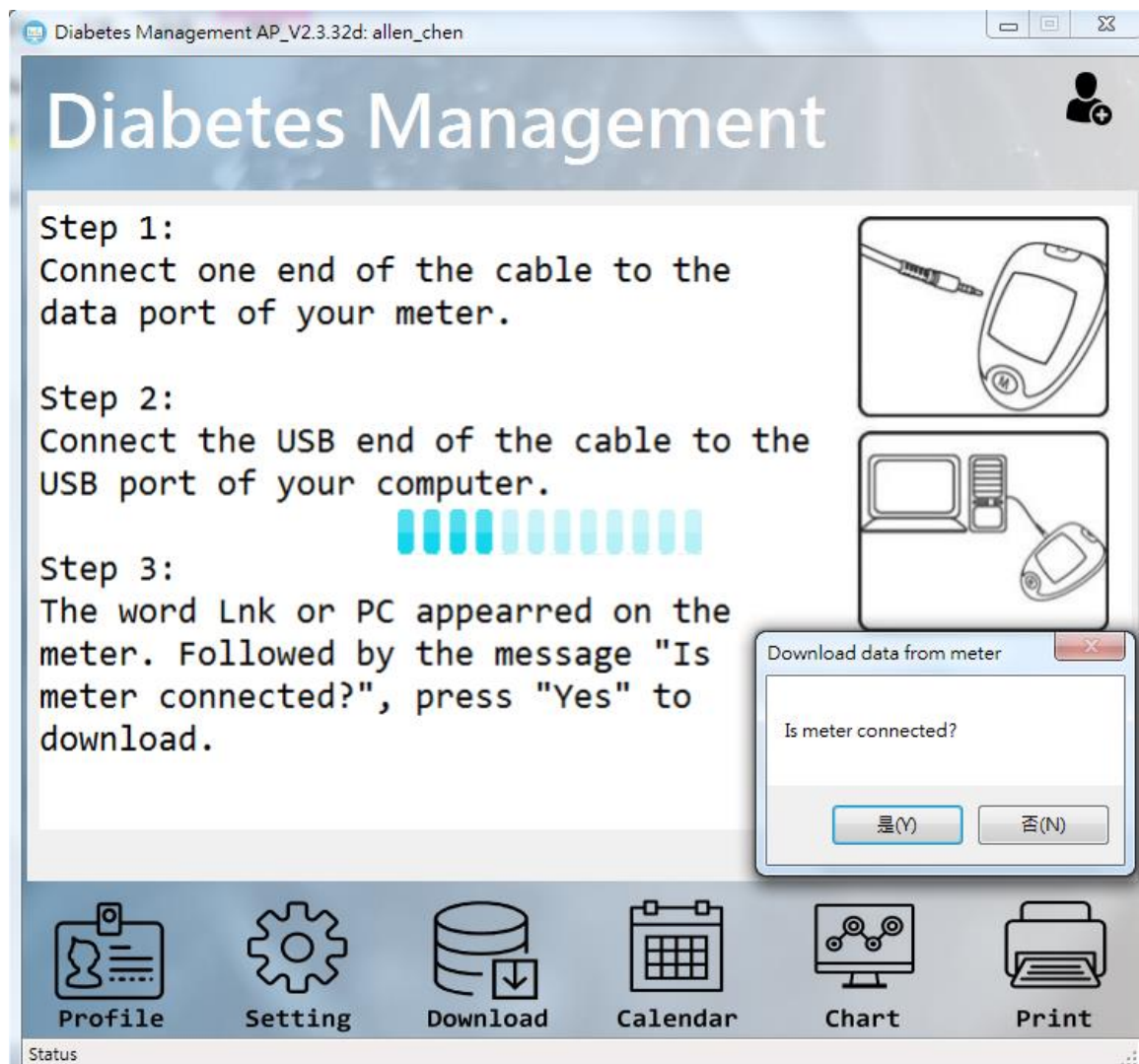
Once targets have been entered, Click the Save button to store the setting.

NOTE: The ranges will be displayed in the blood glucose unit that you selected in your profile.
(mg/dL or mmol/L)

If you need to change the blood glucose unit, go to the Profile section and click Edit button to update your profile.



Download

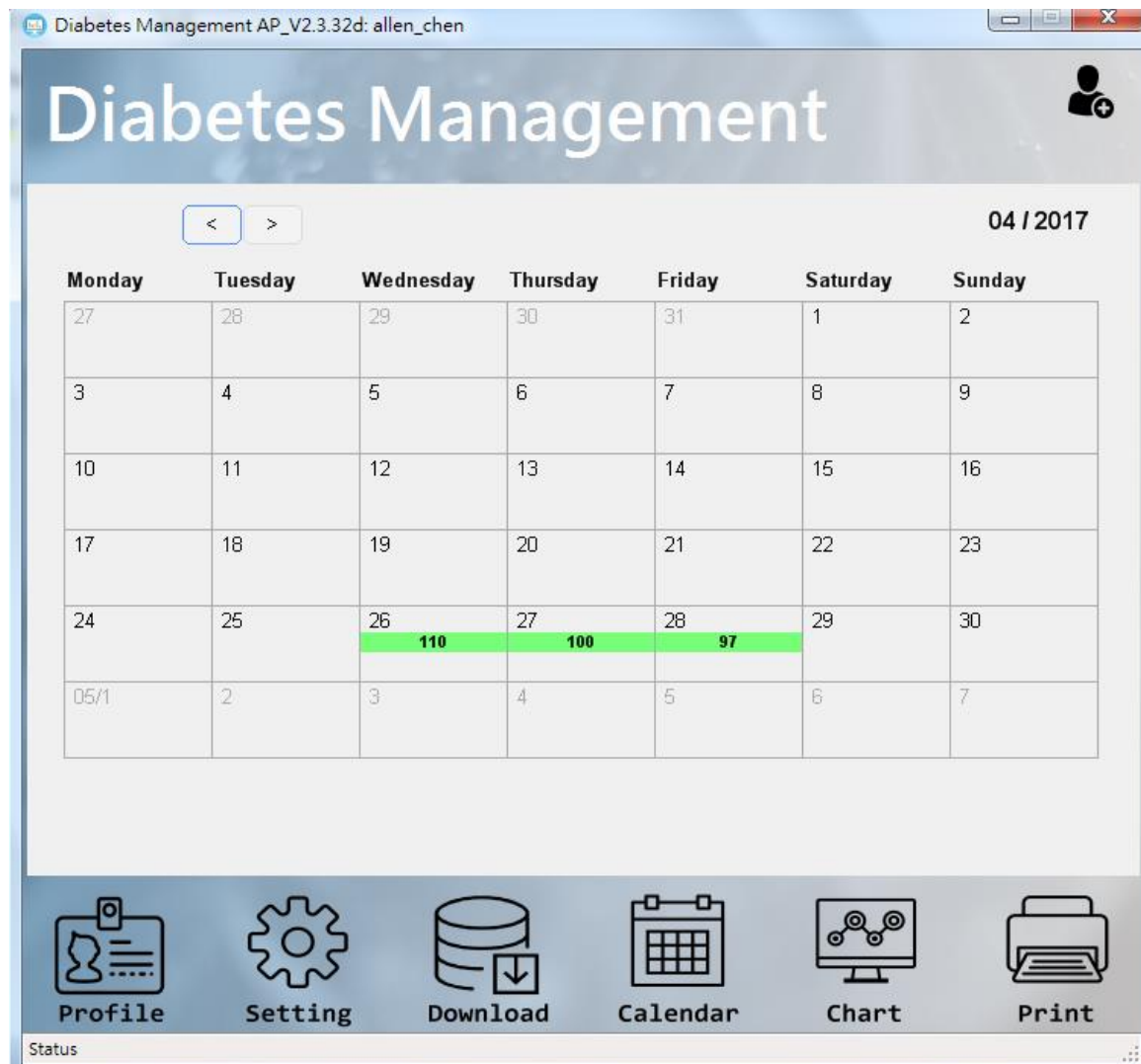
Click the Download icon to import the test results from your meter into the Diabetes Management Software in your computer. Follow the step 1 to 3 to complete operations.



NOTE: Make sure your meter is connected to your personal computer via a USB cable or Serial cable for your meter. If it is not connected you will receive an error.

Calendar

Month view in calendar showed the average blood glucose value on the day with a green bar. You may click   button to move forwards or backwards to view your test readings. The value with green background color means daily average of the blood glucose value on the day.



Move mouse cursor near to blood glucose value and click it to show the daily view.

The screenshot displays the 'Diabetes Management' software window. The title bar indicates the file path 'Diabetes Management AP_V2.2.32d: Bill_OKB'. The main window has a header with the title 'Diabetes Management' and user icons. Below the header, the date '2017/01/17' is shown. The central part of the window contains a table with three columns: 'Meal', 'Time', and 'Test Results'. The table lists various meals and their corresponding times, with a single test result of '132' recorded for a lunch at 01:00 pm. To the right of the table is a 'Note' section with a large text area and summary statistics: 'Average: 132 mg/dL', 'Maximum: 132 mg/dL', and 'Minimum: 132 mg/dL'. At the bottom right, there are 'Save' and 'Exit' buttons.

Meal	Time	Test Results
Other	~06:00 am	
Breakfast	06:00 am	
Breakfast	07:00 am	
Breakfast	08:00 am	
Breakfast	09:00 am	
Breakfast	10:00 am	
Lunch	11:00 am	
Lunch	12:00 am	
Lunch	01:00 pm	132
Lunch	02:00 pm	
Pre/Post Meal	03:00 pm	
Pre/Post Meal	04:00~05:30 pm	
Dinner	05:30~07:00 pm	
Dinner	07:00 pm	
Dinner	08:00 pm	

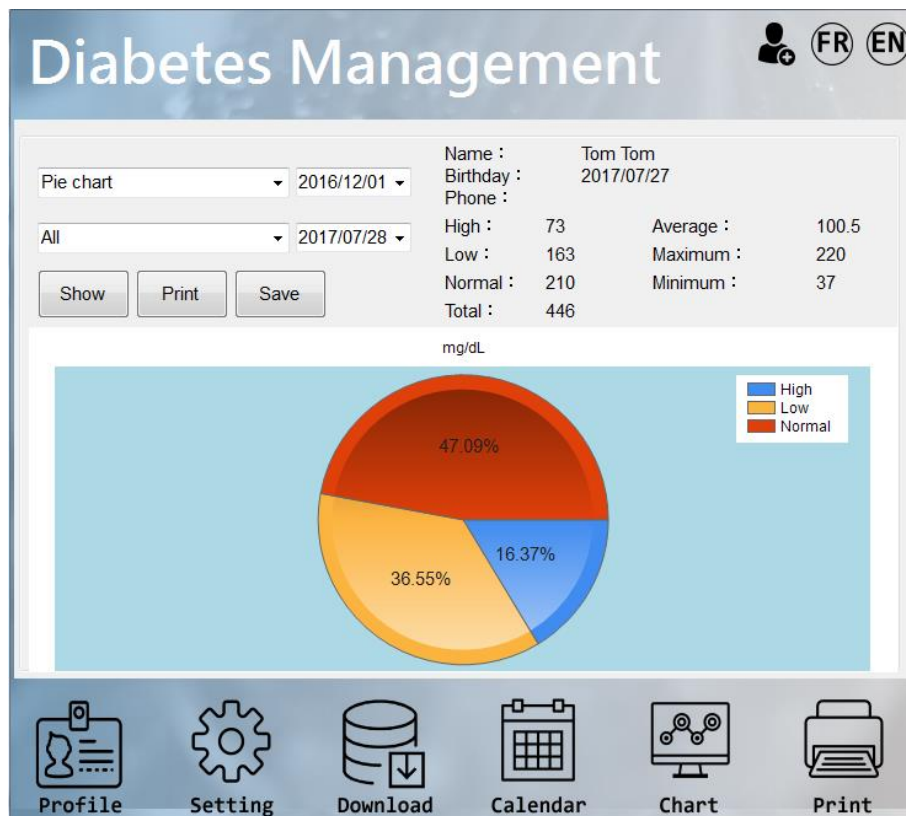
Note

Average: 132 mg/dL
Maximum: 132 mg/dL
Minimum: 132 mg/dL

Save Exit

Chart

User set the time range, chart types and click show button to display chart. Here supports three types: pie, scatter, trend plotting.



Trend

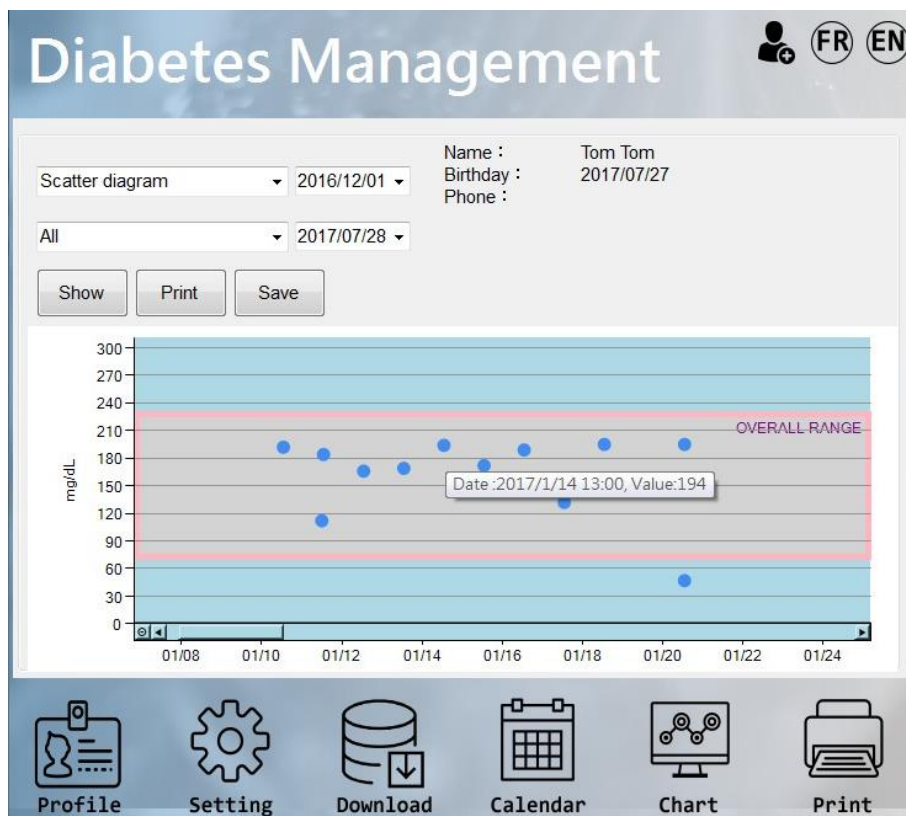
View the trends for specific time periods, including morning, lunch, dinner and before and after meals, for better diabetes management.

Pie Chart

You can understand how well your blood glucose level is adjusted by reviewing the percentage of Normal, High and Low results.

On the scatter and trend chart, user is able to use mouse cursor and wheel to Zoom in or Zoom out the plotting. While mouse cursor stay on the “dot” of the scatter diagram, the detail test reading information will be pop up.

OVERALL RANGE located the overall range that set in the Setting .



Print

To print blood glucose report depends on time segment and date range.

Diabetes Management AP_V2.2.32d: Bill_OKB

Diabetes Management

Blood Glucose Report

From

☒ Last Week
 ☐ Last Month
 ☐ Last Year

To

Sort

Time Segment

All

Print

Profile Setting Download Calendar Chart Print

Preview of Print result.

Blood Glucose Report

Name : Bill OKB
 Birthday : 2017/07/24
 Gender : Male
 Address :
 Mail : bill.okb@prdigycompnay.com
 Phone : +886-3-5507536
 Blood Glucose Range : 70~230
 Date : 2017/07/27 15:53:18

Date Time	Blood Glucose Unit	Value
2017/01/10 12:57	mg/dL	192
2017/01/11 12:58	mg/dL	184
2017/01/12 12:58	mg/dL	166
2017/01/13 13:00	mg/dL	169
2017/01/14 13:00	mg/dL	194
2017/01/15 13:00	mg/dL	172
2017/01/16 13:00	mg/dL	189
2017/01/17 13:00	mg/dL	132
2017/01/18 13:00	mg/dL	195
2017/01/19 13:00	mg/dL	152
2017/01/20 12:57	mg/dL	47
2017/01/20 13:00	mg/dL	195
2017/03/15 10:21	mg/dL	199