qLabs® Data Manager
Operation’s Guide
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1. Introduction

1.1 Before You Start

Before using qLabs® Data Manager, read the entire Operation’s Guide carefully.

⚠️ Please pay attention to the content highlighted using this symbol.

1.2 Intended Use

qLabs® Data Manager is used to manage qLabs® ElectroMeter test results. Besides helping the user enter and manage the operator and patient information, it can also help analyze and report test results.

1.3 Limitations

qLabs® Data Manager can be installed on PC with Microsoft® Windows XP/ Windows 7.
2. User Management

There are two types of users: administrator and ordinary users. When run the qLabs® Data Manager, a login interface will appear and prompt the user to enter the user name and password. You can switch the language displayed in the Data Manager interface through the Language drop-down menu.

The default user name for administrator is “admin” and the password is “mbi”.

![Login interface screenshot]

![Login interface screenshot]
When login the Data Manager, the administrator is authorized to edit ordinary users’ information. On the “Test result upload” interface, click “Add” button to enter the Add/Remove interface.

Operator information regarding hospital, department, user name and password for login is a must when adding a new ordinary user into the Data Manager.
To remove an existing ordinary user, just highlight the user and click “Delete”.

Ordinary user can login the Data Manager by using the designated user name and password. Note that ordinary user is not authorized to edit any operator information.
3. Upload Test Results to the qLabs® Data Manager

3.1 Connect the qLabs® ElectroMeter to Computer

Use qLabs® eCable to connect the qLabs® ElectroMeter to computer.

Or use optional qLabs® eStation to connect the qLabs® ElectroMeter to computer.
Also use optional Bluetooth dongle to connect the qLabs® ElectroMeter to the computer.

For the first use, please manually install the driver for the Bluetooth dongle.

Follow below steps to install the driver:

1. Insert the Bluetooth dongle into the USB port of computer after the Data Manager is installed successfully.
2. Right-click My Computer on the desktop, and select Properties. In the System Properties window, click the Hardware tab, and then click the Device Manager button. In the list of hardware, find the device that you want to update.
3. Click the Driver tab, click Update Driver, and then select “Browse my computer for driver software” from the pop-up window.
4. Click the Browse button to select the location for the driver files. The driver files locate in: micropoint/qLabs/V2_dongle_Drivers/Drivers.
5. TI CC2540 USB CDCSerial Port should be listed in Device Manager under Ports when the driver is installed successfully.
If the computer is connected through the Bluetooth dongle, the user should set up the Bluetooth on the “Bluetooth Settings” interface.

Bluetooth Settings: Turn on the qLabs® ElectroMeter and Bluetooth switch. Insert the Bluetooth dongle into USB port on the computer simultaneously. Click on Scan at the lower-right corner of the software interface and the series number list of all the devices with Bluetooth function on will be displayed on the Bluetooth Settings window. Select the device to be connected and click on Connect. The “interrupted” at the bottom of the “Bluetooth Settings” interface will change to “connected” when the Bluetooth is connected successfully.
3.2 Real-Time Test Results Upload

If test results need to be uploaded to the Data Manager immediately after completing the measure in qLabs® ElectroMeter, please connect the qLabs® ElectroMeter to PC before starting the test and remove it only after finishing data upload to the Data Manager. When the testing is finished, select “MENU” to enter the upload/print interface.

Select “UPLOAD”, the test results will be uploaded to the Data Manager.

After uploading the test results to the Data Manager, the user is required to input the operator and patient information. Existing operator information can be found by clicking the “Add” button.
After finishing the data upload and information edit, click “Save” at the bottom, the test result will be saved into the Data Manager.

Click “Print report” to preview the report profile.
# St. Francis Hospital Result Overview

**Print Date:** 2015-04-16 09:56  
**Index:** 30/04/2012-011  
**Name:**  
**Patient ID:** 001  
**Address:**  

<table>
<thead>
<tr>
<th>Report Date/Time</th>
<th>2015-04-30 05:39</th>
</tr>
</thead>
<tbody>
<tr>
<td>INR</td>
<td>0.7</td>
</tr>
<tr>
<td>QC</td>
<td>7.1</td>
</tr>
</tbody>
</table>

**Device**  
**S/N**  
**Software Version** V6.0.00  

**Additional Information**
3.3 History Data Upload

If the test results are not uploaded instantly after the testing, the stored test results can be uploaded to qLabs® Data Manager as well.

⚠️ Only the administrator is authorized to upload history data.

The software defaults to upload all the test results stored in the meter. If a particular test result needs to be uploaded, please highlight the “selection data” and define a certain testing timing.

⚠️ Please keep qLabs® ElectroMeter on while uploading.

The test results uploaded to qLabs® Data Manager will be displayed in list. Highlight a particular test result and then click “Edit” on the bottom, then input the operator and patient information into the Data Manager.
Click “Confirm” to finish the edit.

To remove a certain test result from the Data Manager, highlight it and click “Delete”.
When completing all edits, click “Save All” to save all data into the Data Manager.
4. Data Management

Select the “History data search” tab in the qLabs® Data Manager. An index of test results catalogued by Test Item will be shown chronologically in the left side of the interface.

Select the test item and click a particular timing, certain test results will display automatically.

When uploading patient test results, liquid QC results are uploaded to the Data Manager as well. Review QC test result by clicking the “QC_Record”.
To remove a particular test result from the Data Manager, highlight it and click “Delete” button.
Highlight the test result and then click “Report”, the report will be generated. Click “report sheet” at the bottom to generate the report sheet for all listed test results.
## Result Overview

**Print Date:** 2015-04-16 09:56  
**Index:** 30/04/2012-011  
**Name:**  
**Patient ID:** 11  
**Address:**  

<table>
<thead>
<tr>
<th>Report</th>
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</table>
| **Date/Time** | 2015-04-30 05:39  
| INR | 0.7  
| QC | 7.1  
| **Operator** |  

**Device**  
**S/N**  
**Software Version** V6.0.00  

**Additional Information**
Click “Export” at the bottom to save test results to certain file in computer.
5. Test Result Analysis

Click the “Patient statistic” tab, set up the patient ID and timing, the qLabs® Data Manager will generate a chart to show all test results within the selected time interval, which enables the user to overview the test results per week, one month, two months, three months, six months or one year. Also a control chart can be generated with upper and lower limits of the test results.

User is able to print the chart by clicking “Print Graphic”.

![Recent Year INR Graph]
Patient ID: 02
Gender:
Age:

Recent Year INR Graph