

MAX30

User Guide

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I. Run MAX30

1.1 Connecting a device with PC

Please turn on a device.
It indicates "USB" on LCD display while connecting a device with PC.

AL9010



Connect device with PC

Power "ON".



Standby connecting...

ALP-1



Standby connecting...

iBlow-10



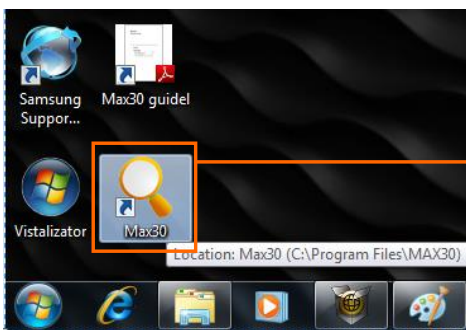
Connect device with PC

Power "ON".



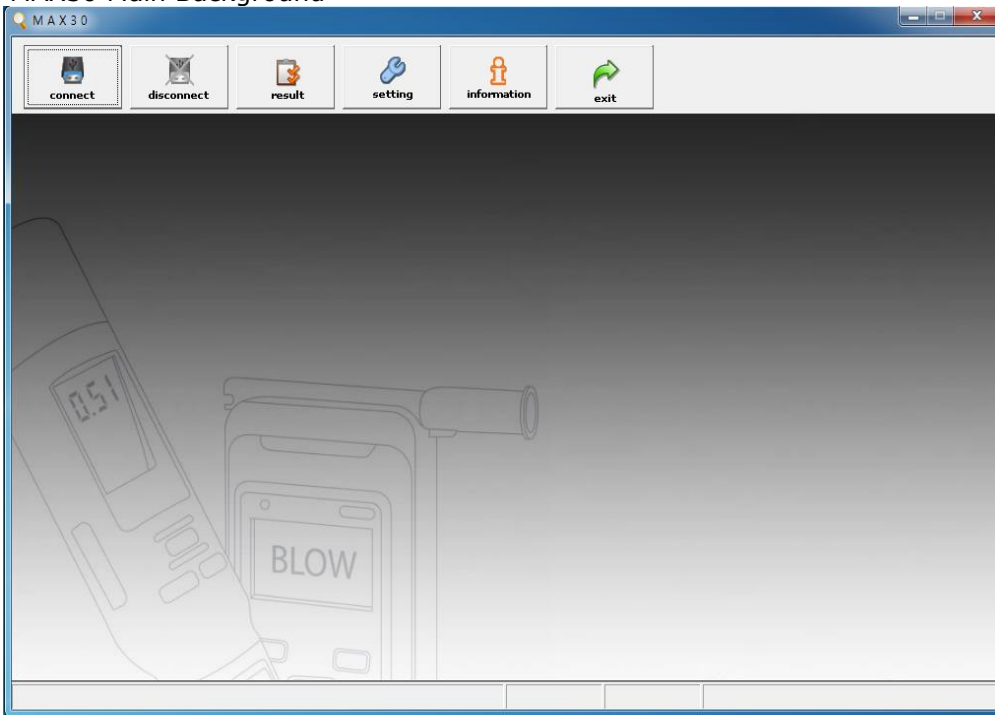
Standby connecting...

Please run "MAX30" which installed in PC.



Click "Max30.exe".
Double Click the left button of mouse.

MAX30 Main Background



* Icon Explanation



Connecting a device with PC



Disconnecting a device with PC



Checking test result



Date and time setting for a device

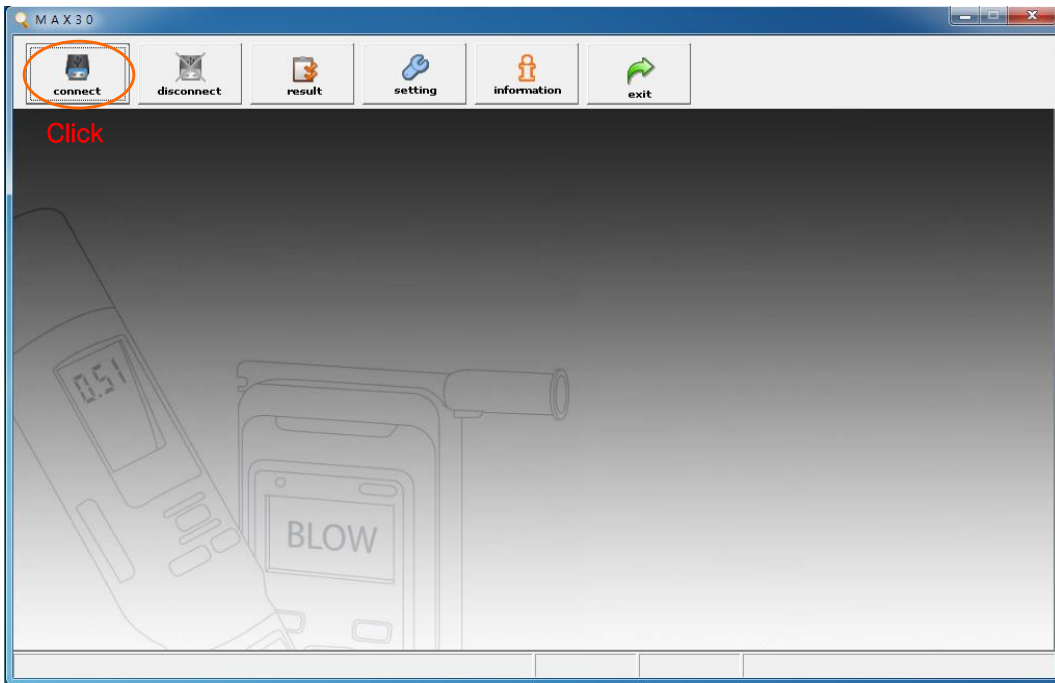


Detail information about a device

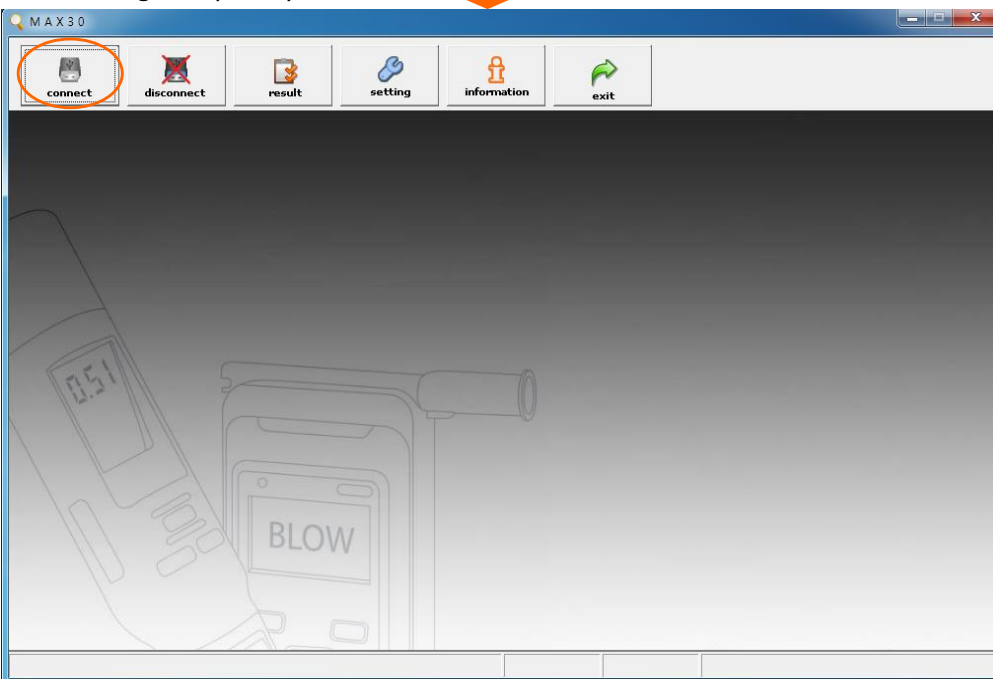


Exit MAX30 program

※ It can connect a device with PC when it indicates "USB" on LCD Display of a device.

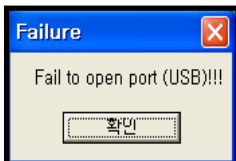


Connecting completely



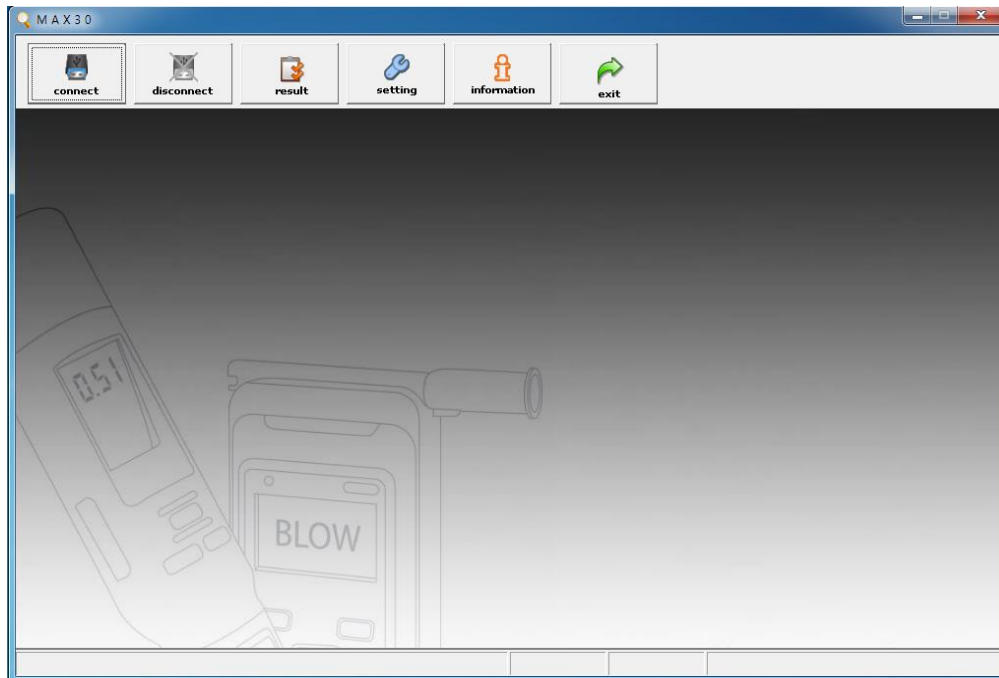
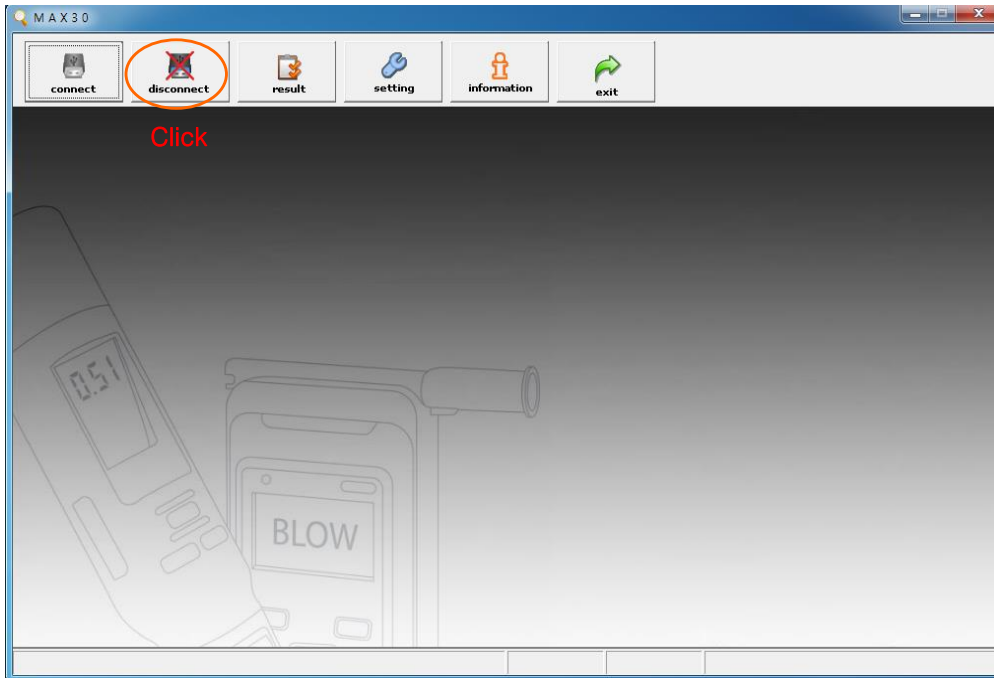
* Connecting failure

If see a failure message when a device connect with PC,



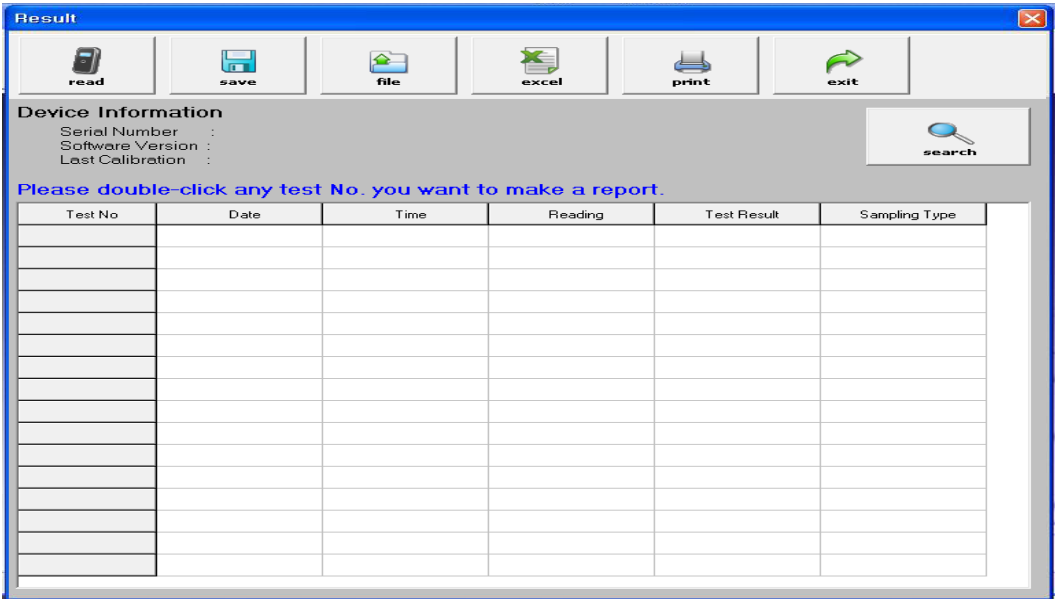
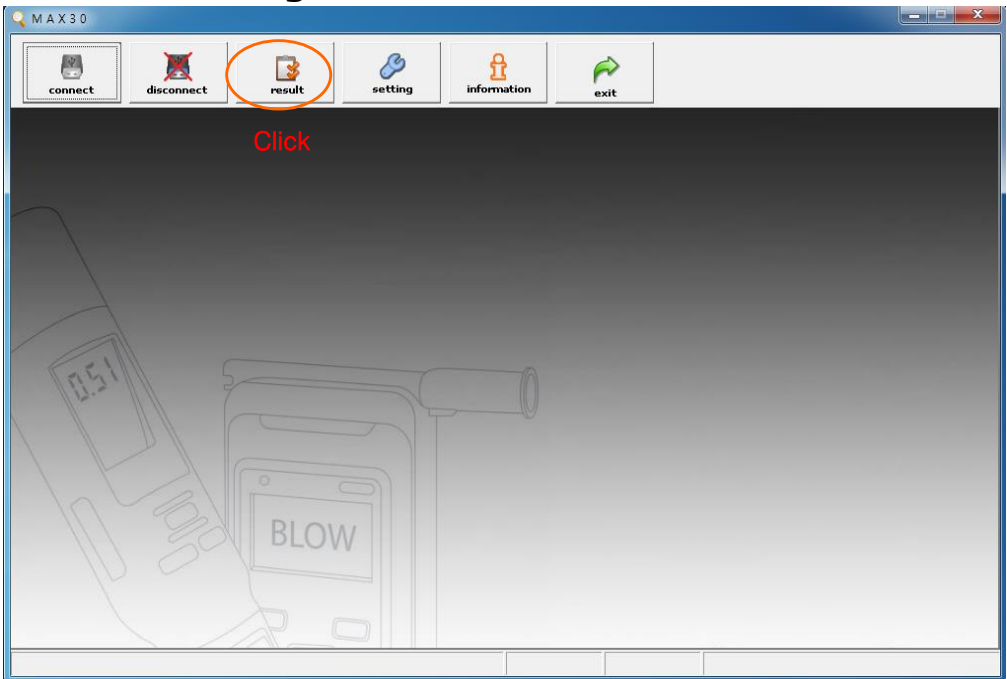
- ① Pull out a USB cable which connect a device.
- ② Put a USB cable on a device again.
- ③ Turn on a device.
- ④ Click "connect" icon.
- ⑤ If not working again, please refer to 10 page of user guide.

1.2 Disconnecting a device with PC



A device also turn off when a device is disconnecting to PC.

II. Data Checking



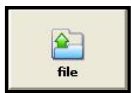
* Icon Explanation



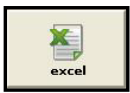
Loading a memorized DATA in a device



Data saving as a .dat file extension



Open a saved data as a .dat file



Data saving as a .excel file extension



Data printing



Exit a Result window

2.1 Reading the test result of a device

The screenshot shows the 'Result' software window. At the top, there is a toolbar with icons for 'read', 'save', 'file', 'excel', 'print', and 'exit'. The 'read' icon is circled in red, and the word 'Click' is written in red next to it. Below the toolbar is the 'Device Information' section, which includes fields for 'Serial Number', 'Software Version', and 'Last Calibration'. A search icon is also present. Below this is a blue instruction: 'Please double-click any test No. you want to make a report.' At the bottom is a table with columns: 'Test No', 'Date', 'Time', 'Reading', 'Test Result', and 'Sampling Type'. The table is currently empty.



This screenshot shows the same 'Result' software window, but now the table is populated with test data. The 'Device Information' section is highlighted with an orange box, and an arrow points to it with the label 'Device information'. The table is also highlighted with an orange box, and an arrow points to it with the label 'Data file'. The table contains 17 rows of data.

Test No	Date	Time	Reading	Test Result	Sampling Type
1	09 - Feb - 2018	11:18:43	0.101 %BAC	FAIL	-
2	09 - Feb - 2018	15:37:34	0.105 mg/L	FAIL	-
3	06 - Mar - 2018	17:35:37	0.000 %BAC	PASS	Manual
4	12 - Mar - 2018	16:16:05	0.100 %BAC	FAIL	-
5	12 - Mar - 2018	16:19:08	0.101 %BAC	FAIL	-
6	15 - Mar - 2018	15:25:13	0.022 %BAC	FAIL	-
7	15 - Mar - 2018	15:28:13	0.021 %BAC	FAIL	-
8	15 - Mar - 2018	15:31:01	0.022 %BAC	FAIL	-
9	15 - Mar - 2018	16:14:58	0.049 %BAC	FAIL	-
10	15 - Mar - 2018	16:17:51	0.049 %BAC	FAIL	-
11	15 - Mar - 2018	16:20:39	0.049 %BAC	FAIL	-
12	19 - Mar - 2018	13:58:28	0.101 %BAC	FAIL	-
13	19 - Mar - 2018	14:02:00	0.100 %BAC	FAIL	-
14	19 - Mar - 2018	14:04:54	0.100 %BAC	FAIL	-
15	22 - Mar - 2018	15:58:51	0.019 %BAC	PASS	-
16	22 - Mar - 2018	16:01:36	0.018 %BAC	PASS	-
17	22 - Mar - 2018	16:04:22	0.018 %BAC	PASS	-

2.2 Make a test report for each test data

Result

read save file excel print exit

Device Information
Serial Number : 000000000
Software Version : ALP-1 Rev:1.11
Last Calibration : 03-Jan-2019

Please double-click any test No. you want to make a report.

▼ Test No	Date	Time	Reading	Test Result	Sampling Type
1	09 - Feb - 2018	11:18:43	0.101 %BAC	FAIL	-
2	09 - Feb - 2018	15:37:34	0.105 mg/L	FAIL	-
3	06 - Mar - 2018	17:35:37	0.000 %BAC	PASS	Manual
4	12 - Mar - 2018	16:16:05	0.100 %BAC	FAIL	-
5	12 - Mar - 2018	16:19:08	0.101 %BAC	FAIL	-
6	15 - Mar - 2018	15:25:13	0.022 %BAC	FAIL	-
7	15 - Mar - 2018	15:28:13	0.021 %BAC	FAIL	-
8	15 - Mar - 2018	15:31:01	0.022 %BAC	FAIL	-
9	15 - Mar - 2018	16:14:58	0.049 %BAC	FAIL	-
10	15 - Mar - 2018	16:17:51	0.049 %BAC	FAIL	-
11	15 - Mar - 2018	16:20:39	0.049 %BAC	FAIL	-
12	19 - Mar - 2018	13:58:28	0.101 %BAC	FAIL	-
13	19 - Mar - 2018	14:02:00	0.100 %BAC	FAIL	-
14	19 - Mar - 2018	14:04:54	0.100 %BAC	FAIL	-
15	22 - Mar - 2018	15:58:51	0.019 %BAC	PASS	-
16	22 - Mar - 2018	16:01:36	0.018 %BAC	PASS	-
17	22 - Mar - 2018	16:04:22	0.018 %BAC	PASS	-



Result

read save file excel print exit

Device Information
Serial Number : 000000000
Software Version : ALP-1 Rev:1.11
Last Calibration : 03-Jan-2019

Please double-click any test No. you want to make a report.

▼ Test No	Date	Time	Reading	Test Result	Sampling Type
1	09 - Feb - 2018	11:18:43	0.101 %BAC	FAIL	-
2	09 - Feb - 2018	15:37:34	0.105 mg/L	FAIL	-
3	06 - Mar - 2018	17:35:37	0.000 %BAC	PASS	Manual
4	12 - Mar - 2018	16:16:05	0.100 %BAC	FAIL	-
5	12 - Mar - 2018	16:19:08	0.101 %BAC	FAIL	-
6	15 - Mar - 2018	15:25:13	0.022 %BAC	FAIL	-
7	15 - Mar - 2018	15:28:13	0.021 %BAC	FAIL	-
8	15 - Mar - 2018	15:31:01	0.022 %BAC	FAIL	-
9	15 - Mar - 2018	16:14:58	0.049 %BAC	FAIL	-
10	15 - Mar - 2018	16:17:51	0.049 %BAC	FAIL	-
11	15 - Mar - 2018	16:20:39	0.049 %BAC	FAIL	-
12	19 - Mar - 2018	13:58:28	0.101 %BAC	FAIL	-
13	19 - Mar - 2018	14:02:00	0.100 %BAC	FAIL	-
14	19 - Mar - 2018	14:04:54	0.100 %BAC	FAIL	-
15	22 - Mar - 2018	15:58:51	0.019 %BAC	PASS	-
16	22 - Mar - 2018	16:01:36	0.018 %BAC	PASS	-
17	22 - Mar - 2018	16:04:22	0.018 %BAC	PASS	-

Print Data

Do you want to print the selected data?

확인 취소



※ Please fill out blank space if you want.

Result

read save file excel print exit

Device Information
 Serial Number : 000000000
 Software Version : ALP-1 Rev:1.11
 Last Calibration : 03-Jan-2019

Print Data

Test Report

Title : Amendable

Operator/Doctor : Name for each

Subject/Patient :

Note : Make a note if you have

Click

15	22 - Mar - 2018	15:58:51	0.019 %BAC	PASS	-
16	22 - Mar - 2018	16:01:36	0.018 %BAC	PASS	-
17	22 - Mar - 2018	16:04:22	0.019 %BAC	PASS	-

*Example

Test Report

Device information
 Model : ALP-1
 Serial number : 000000000
 Software version : Rev:1.11
 Last calibration : 03-Jan-2019

Test Result
 Date : 09 - Feb - 2018
 Time : 15:37:34
 Result : 0.105 mg/L

Operator/Doctor : Hong Gil Dong

Subject/Patient : Kim Gil Dong

Note : example

Operator/Doctor _____ Subject/Patient _____

2.3 Searching for certain of data

Result

Device Information
 Serial Number : 000000000
 Software Version : ALP-1 Rev:1.11
 Last Calibration : 03-Jan-2019

Please double-click any test No. you want to make a report.

Test No	Date	Time	Reading	Test Result	Sampling Type
1	09 -				
2	09 -				
3	06 -				Manual
4	12 -				
5	12 -				
6	15 -				
7	15 -				
8	15 -				
9	15 -				
10	15 -				
11	15 -				
12	19 - Mar - 2018	13:58:28	0.101 %BAC	FAIL	
13	19 - Mar - 2018	14:02:00	0.100 %BAC	FAIL	
14	19 - Mar - 2018	14:04:54	0.100 %BAC	FAIL	
15	22 - Mar - 2018	15:58:51	0.019 %BAC	PASS	
16	22 - Mar - 2018	16:01:36	0.018 %BAC	PASS	
17	22 - Mar - 2018	16:04:22	0.018 %BAC	PASS	

Data Search pop-up

※ Data Searching (Can use Duplication of searching)

① Data searching by test number

Data Search

Test No: 1 ~ 500

Date

Reading

Test Result

Change a range of searching

② Data searching by date

Data Search

Test No

Date: 2011-08-03 ~ 2011-08-03

Reading

Test Result

③ Data searching by alcohol unit and result

Data Search

Test No

Date

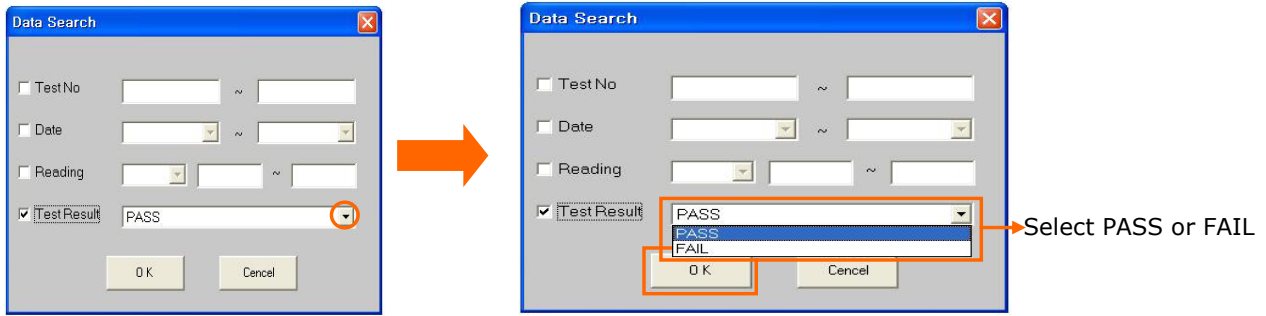
Reading: %BAC 0.000 ~ 0.400

Test Result

Select alcohol unit

Change a range of test result

④ Data searching by test result of PASS or FAIL



※ You can see the searching data by clicking "OK" button.

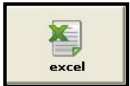
The 'search result' window displays a table with the following data:

Test No	Date	Time	Reading	Test Result	Sampling Type
001	03 - Aug - 2011	19:17:41	0.000 %BAC	PASS	-
002	03 - Aug - 2011	19:17:56	FLOW	-	-

* Icon Explanation



Searched data saving as a .dat file extension



Data saving as a .excel file extension



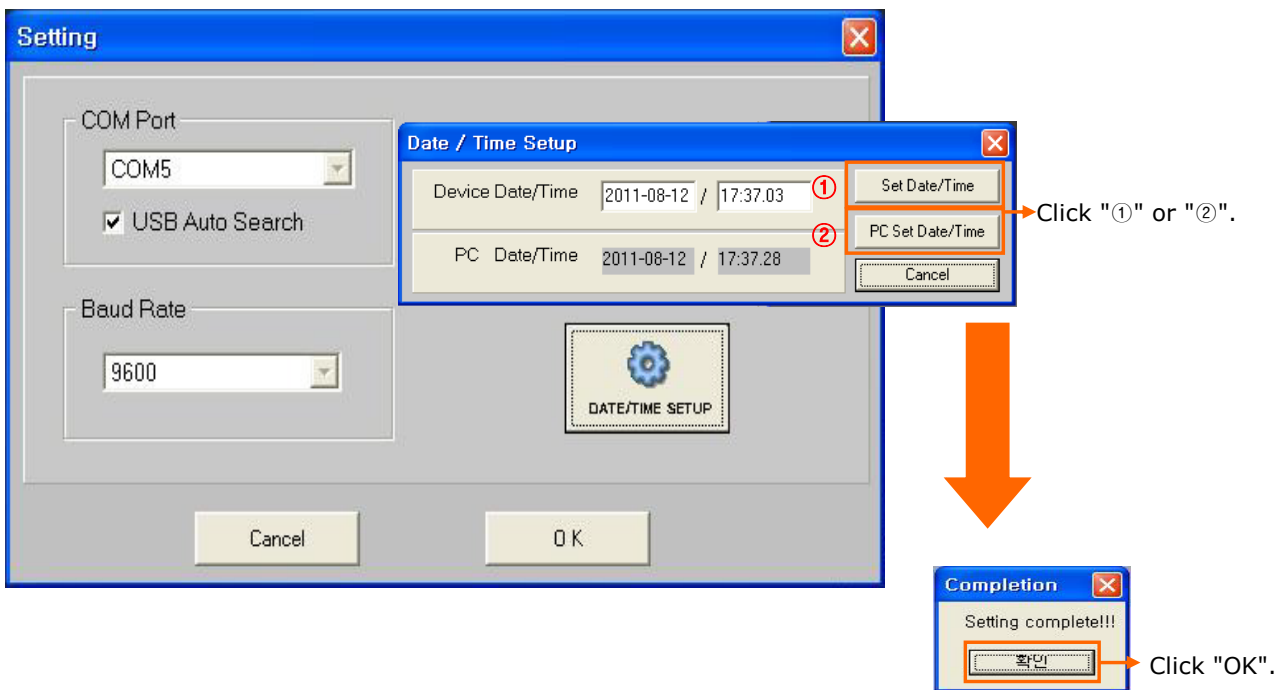
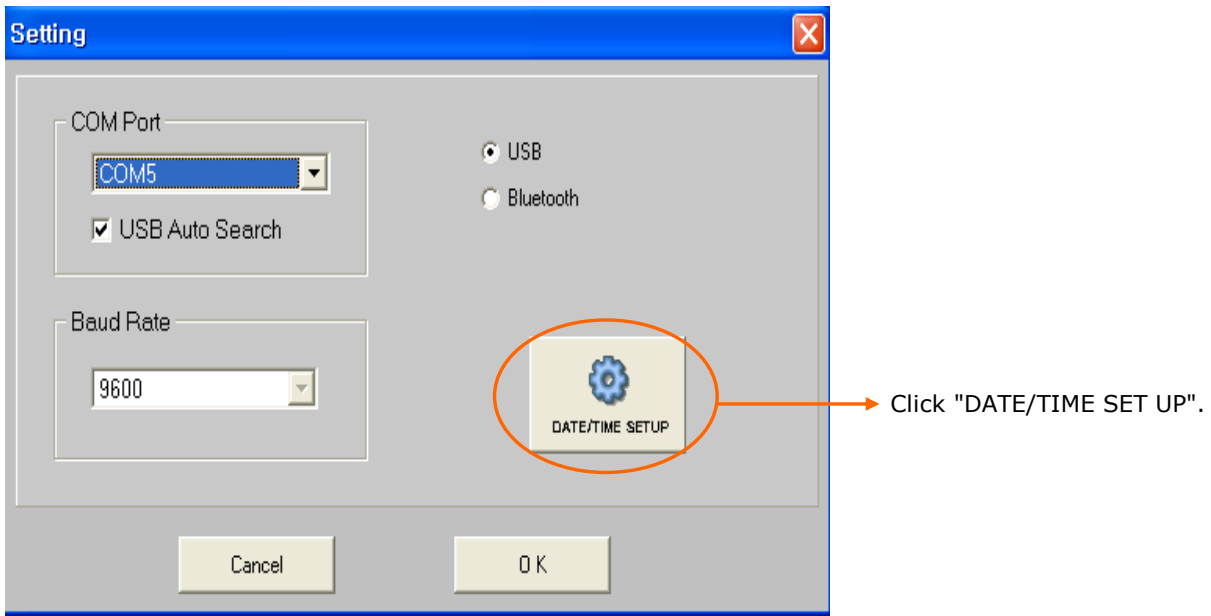
Data printing



Exit search result window

III. Setting

3.1 DATE / TIME Setting



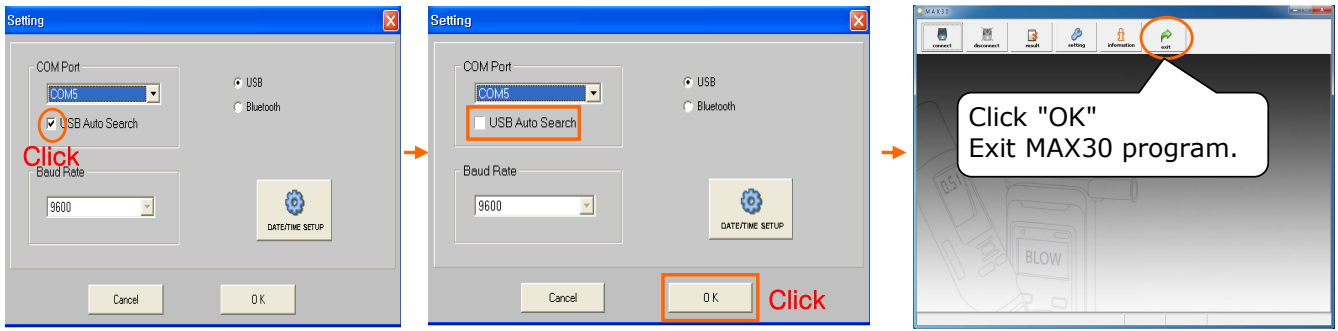
* Note

- ① Set Date/Time : Setting up a device date and time which user wants.
- ② PC Set Date/Time : Setting up a device date and time which PC's date and time.

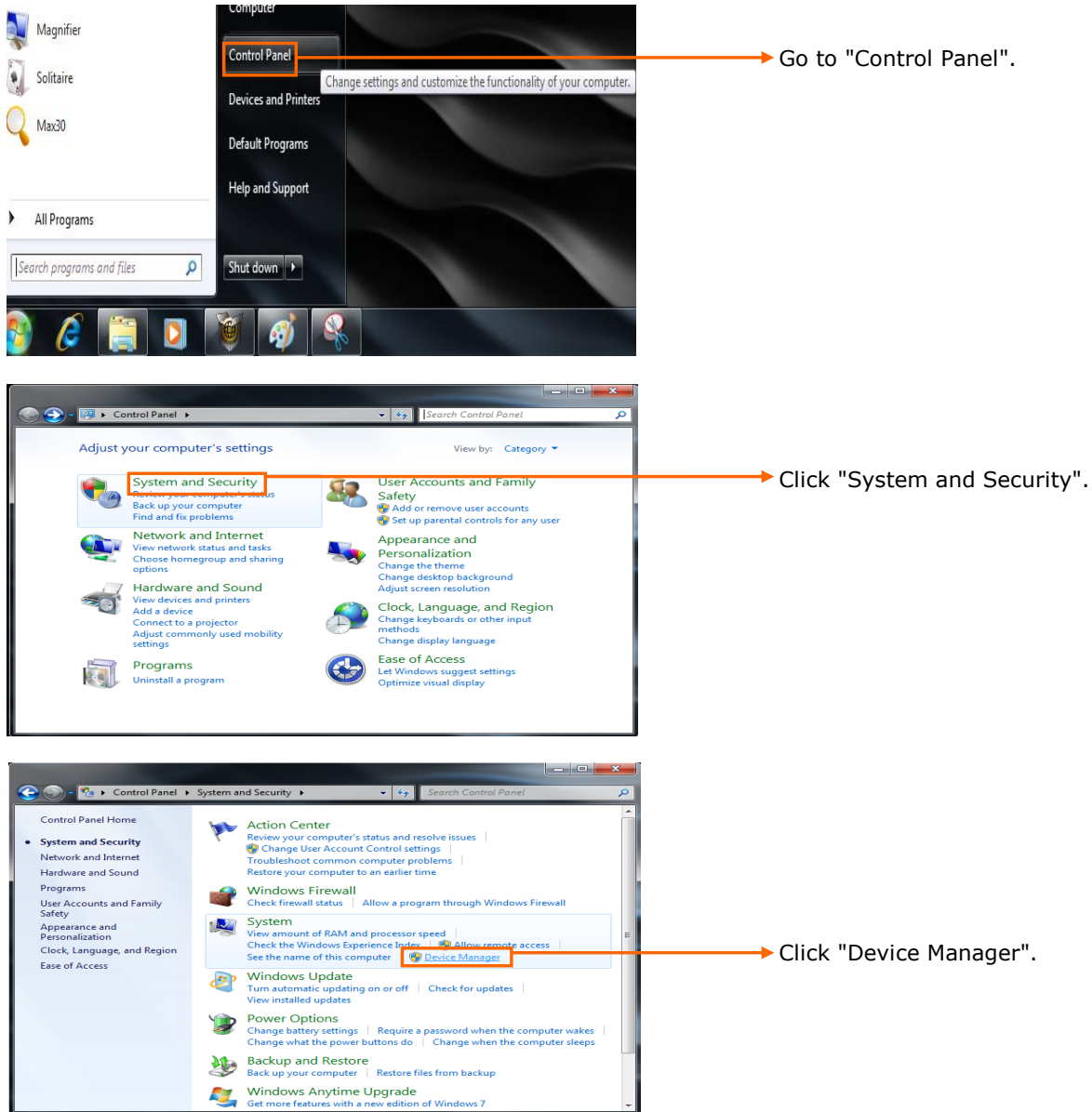
*** DATE / TIME Setting is unavailable while bluetooth connecting.**

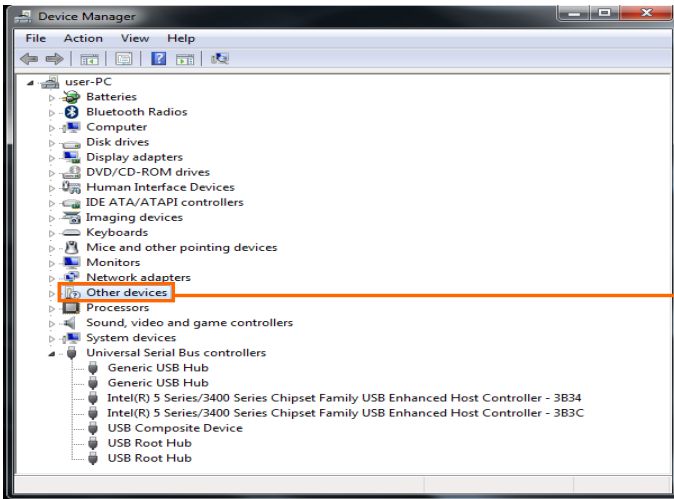
3.2 USB COM Port Searching Manually

Please use it when a device can not connect to PC automatically.

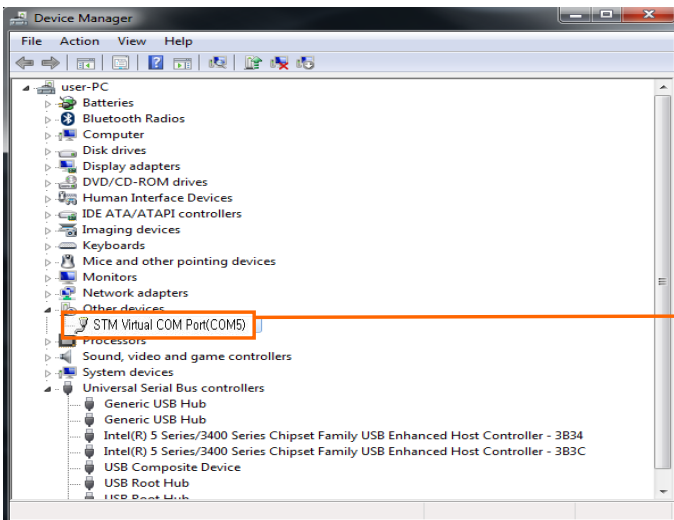


※ USB COM Port checking



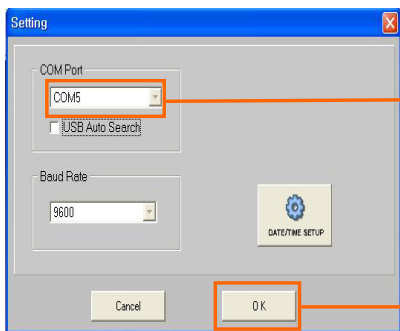


Click "Other devices" or "Ports(COM&LPT)".



Check "COM Port(COM5)".

① If can check the port, go to "MAX30" then check "COM port" of setting.



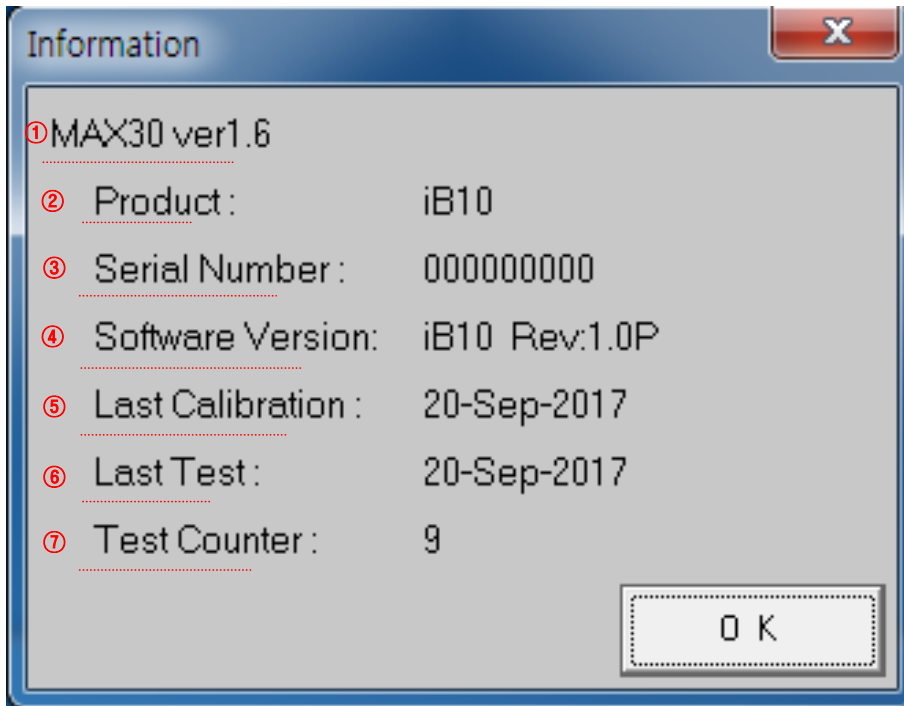
Change COM Port (COM5) which check in Device Manager.

Click "OK".

② If not working with above procedure, please refer to an installation guide and re-insall the driver.

IV. Information

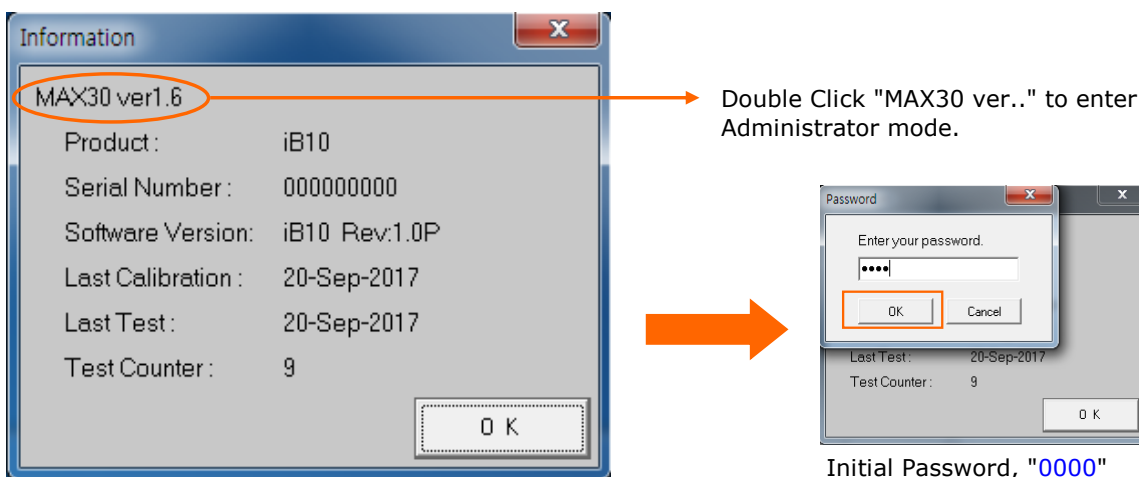
4.1 Device information



* Note

- ① MAX30 Version
- ② Model name
- ③ Serial number
- ④ Software version
- ⑤ Last calibration date
- ⑥ Last test date
- ⑦ Test times after calibration *If a device is recalibrated, Total test counter will set "0".

4.2 Administrator Mode



※ Administrator

Administer

① Total Counter : 13

② Old Password :

New Password :

Confirm New Password : Set

③ All Data Delete Set

Cancel

* Note

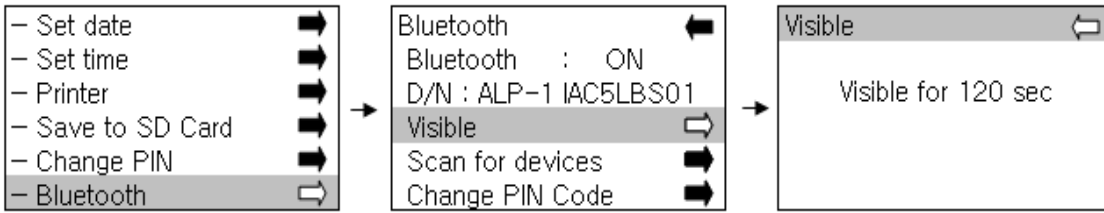
- ① Total test time of a device
It can not set "0" even though it is recalibrated.
- ② Password setting
Initial Password, "0000"
Only accept 4 numbers. (Prohibition on using letter and special character)
- ③ Delete All Data of a device
Please pay attention to click. It is never going to restore deleted data.

V. Bluetooth

Bluetooth function is option. Please check your device is installed bluetooth function.

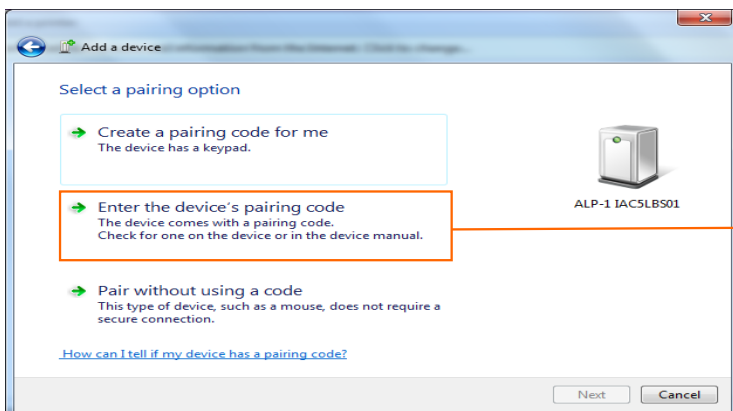
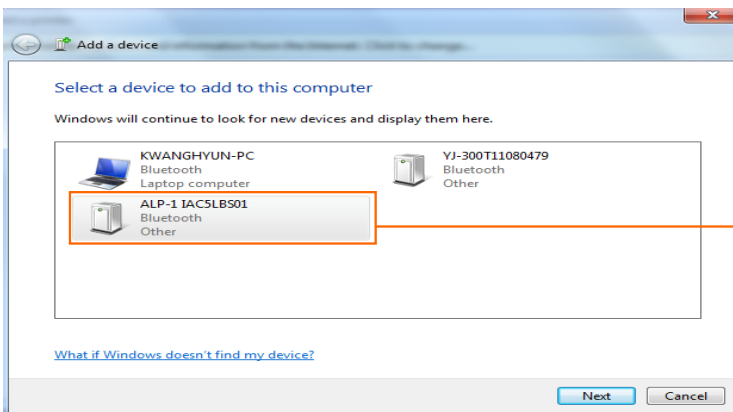
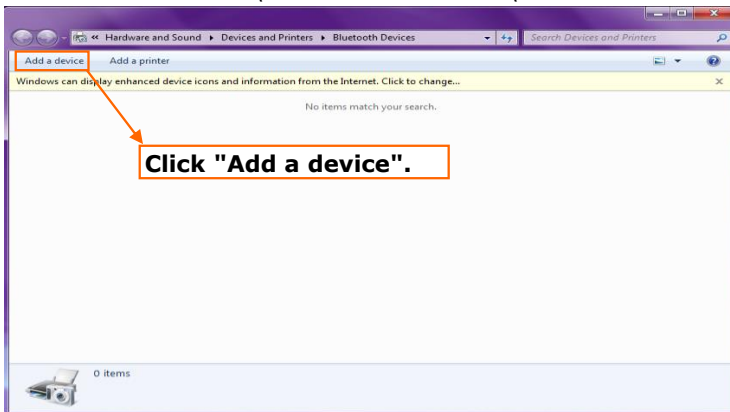
5.1 Device search

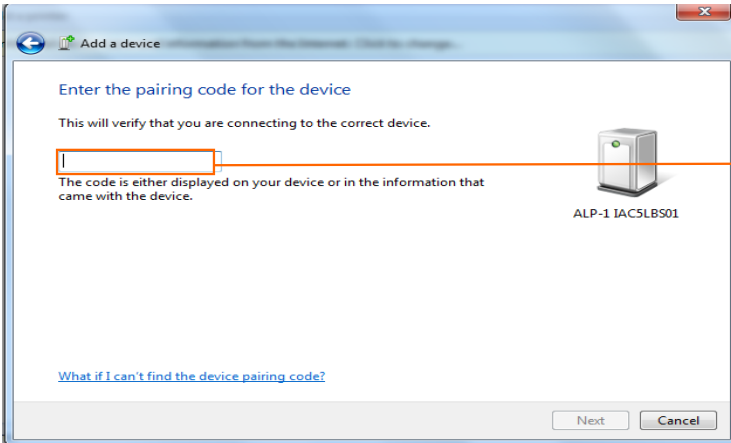
① Enter the option menu of ALP-1 and follow below picture.



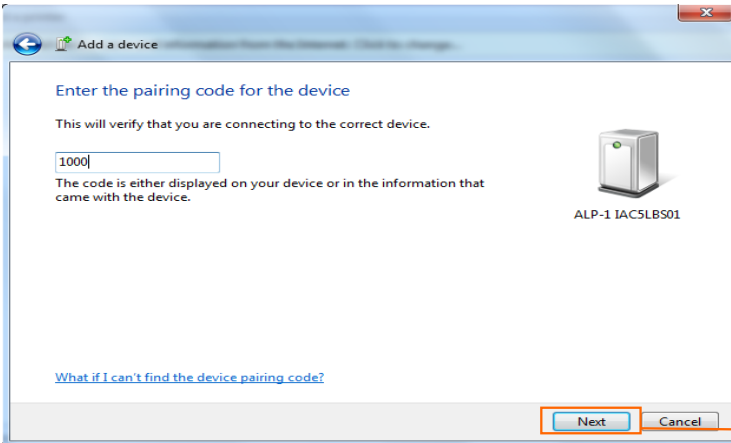
② Add bluetooth fuction on your PC.

Go to "Control Panel\Hardware and Sound\Devices and Printers"

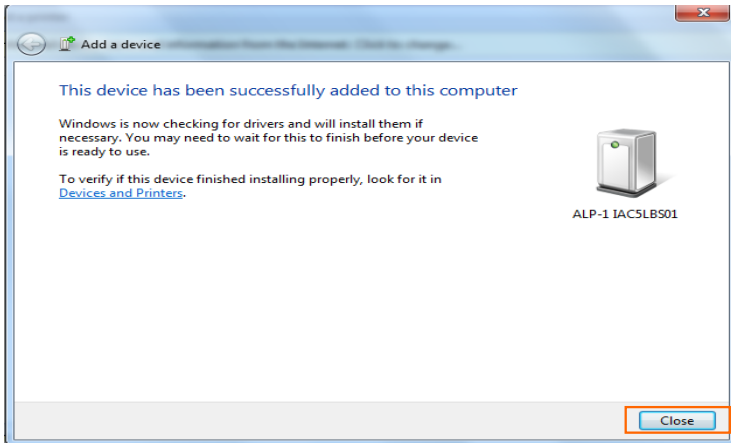




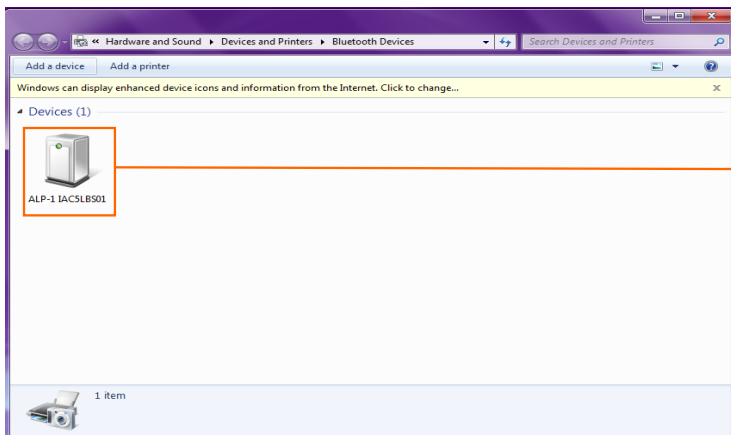
Pin Code "1000"



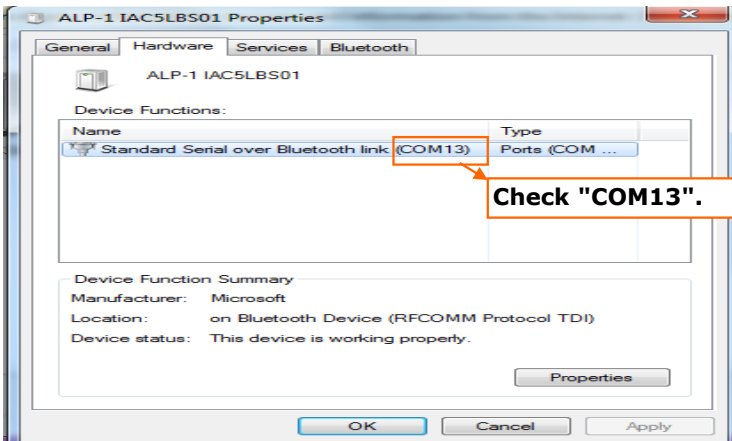
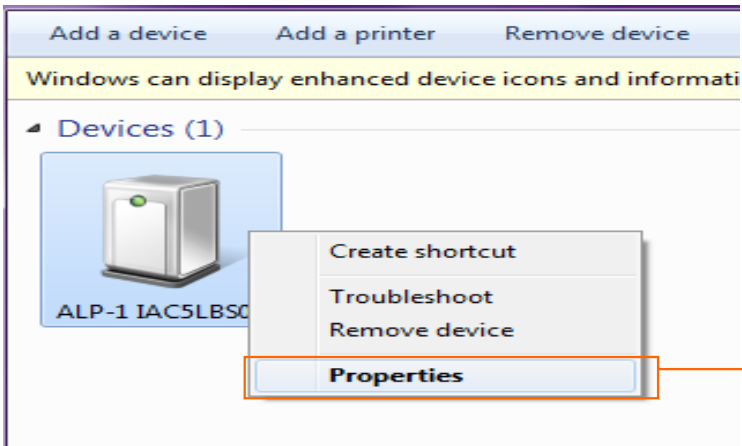
Click "Next".



Click "Close".

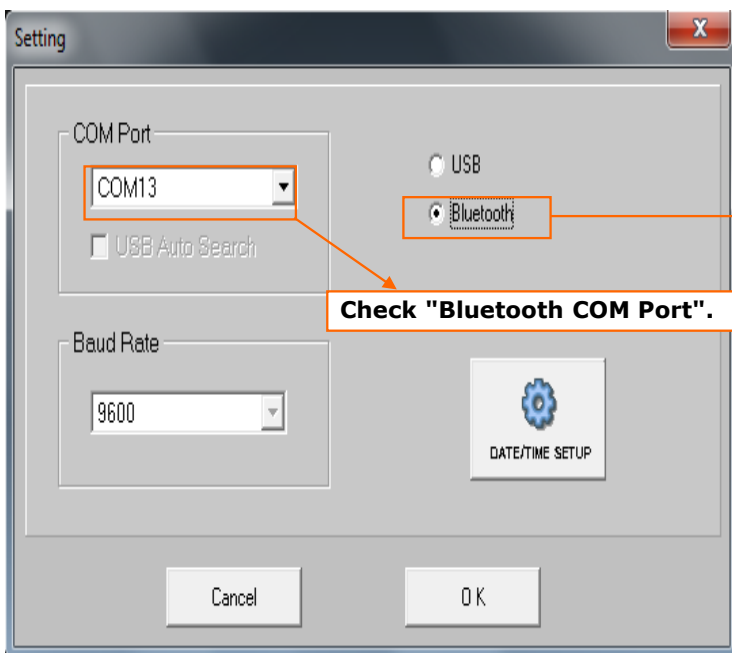


Click "ALP-1 IAC5LBS01".
Click the right button of mouse.

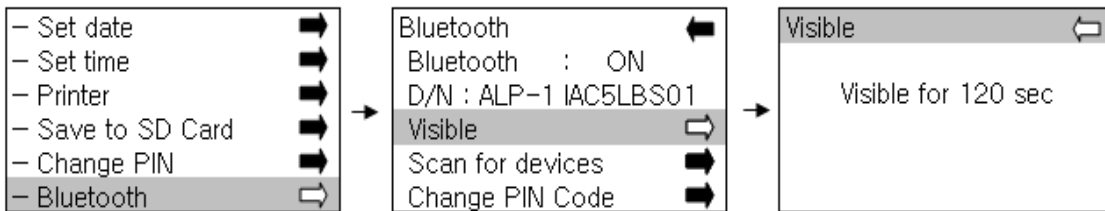


5.2 Bluetooth connecting PC and device

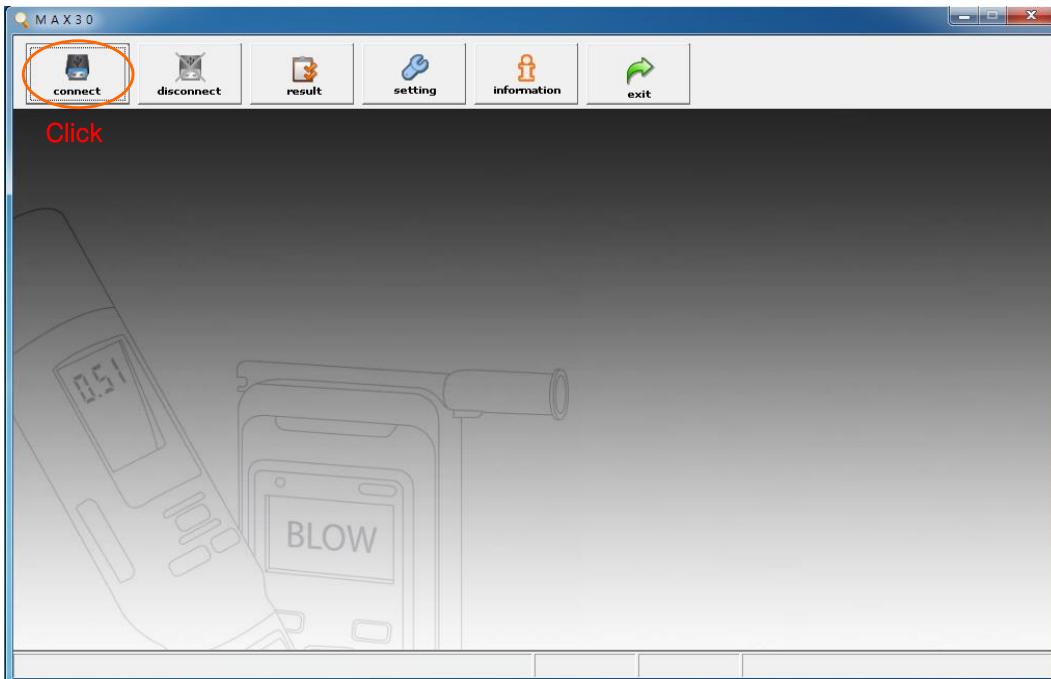
- ① Set-up bluetooth mode on MAX30 Setting menu.



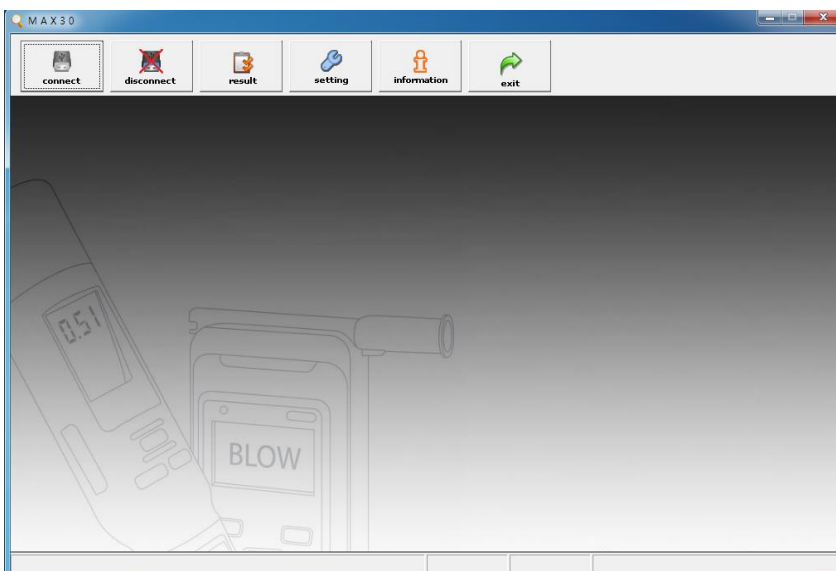
② Enter the option menu of ALP-1 and follow below picture.



③ Conneting on MAX30 main menu.



Conneting finished



Product Display

