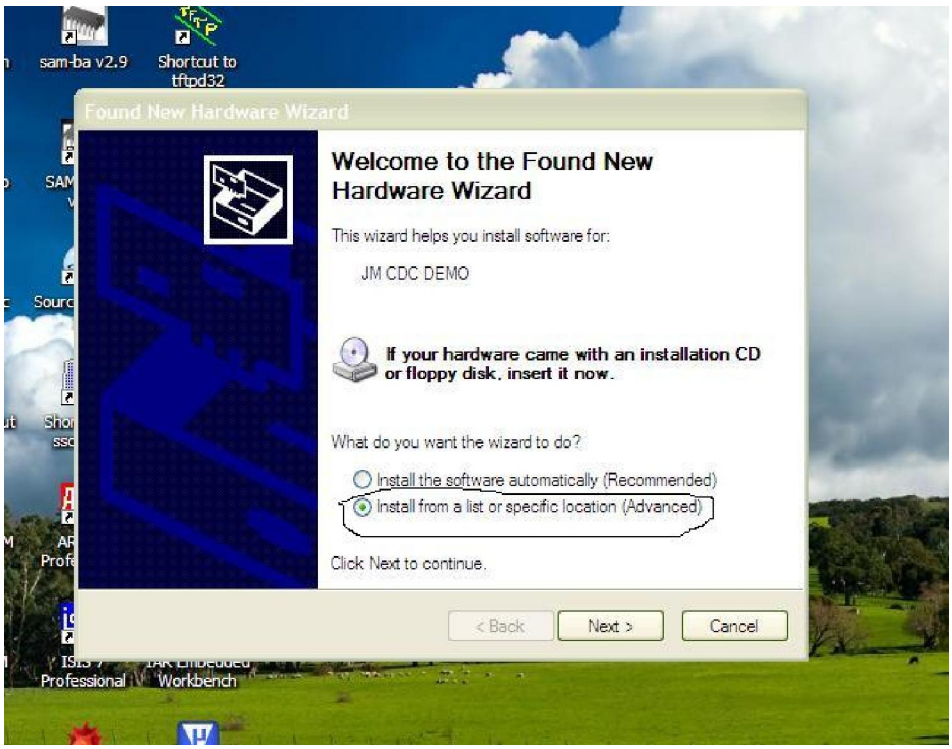
EDMS V3.0

User’s Manual

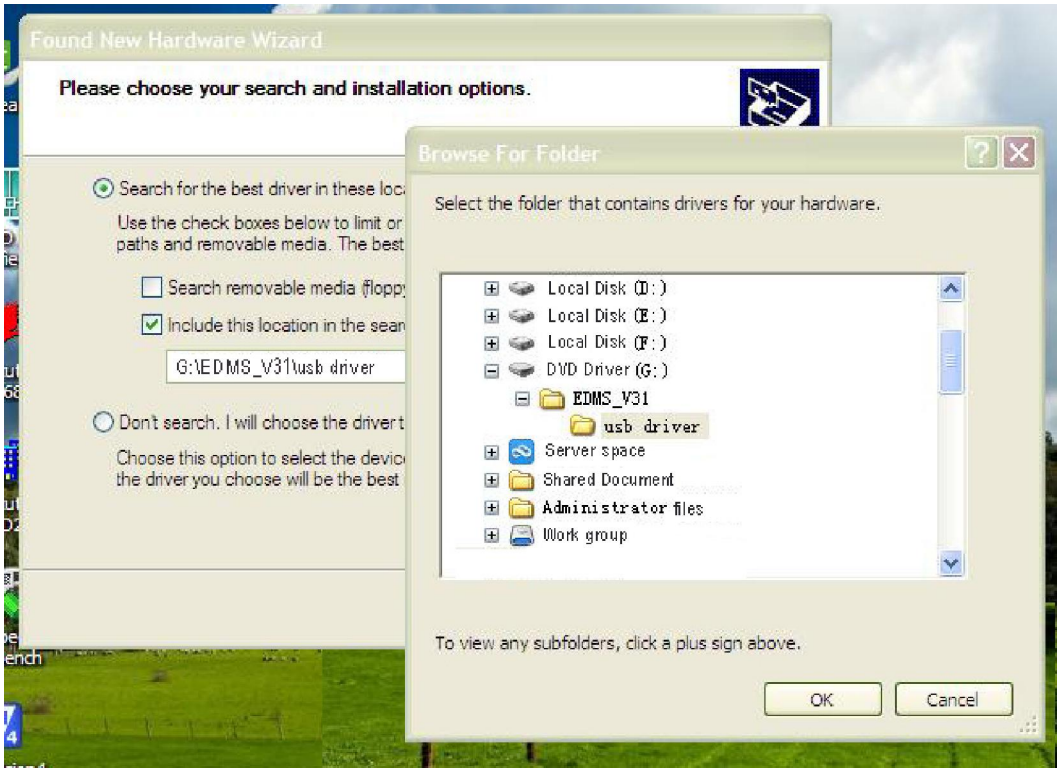
Contents

1. Install the USB driver

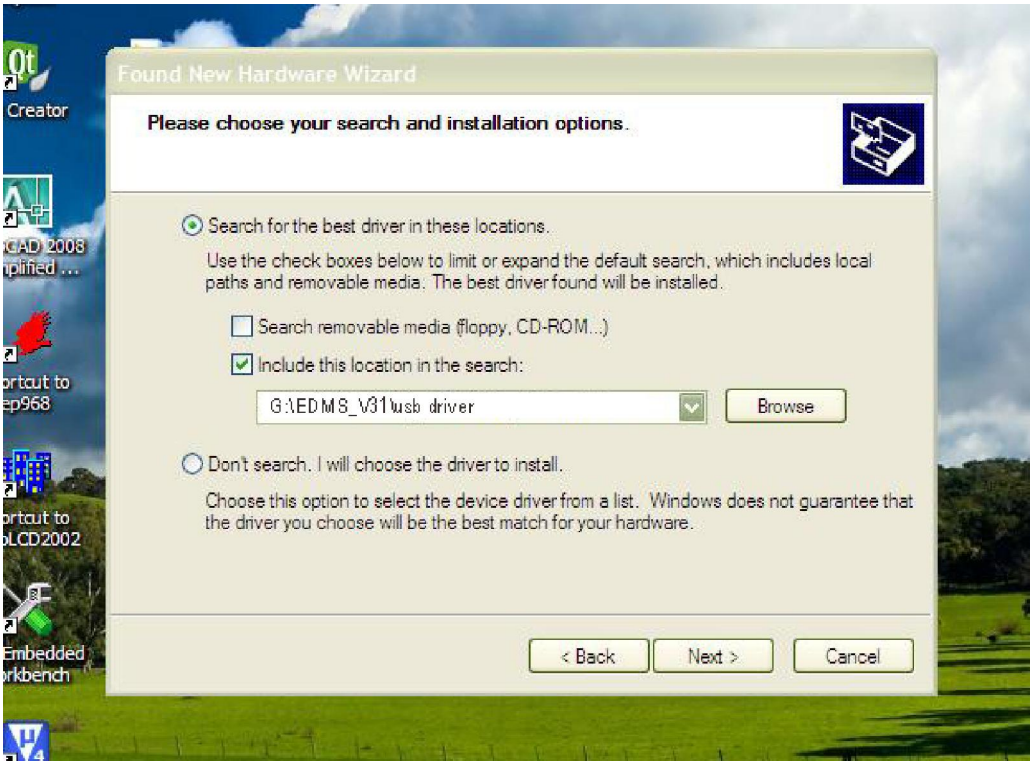
1.1 If you first time use the gauge, when you connect the gauge to the PC, it will come out a driver installation window.



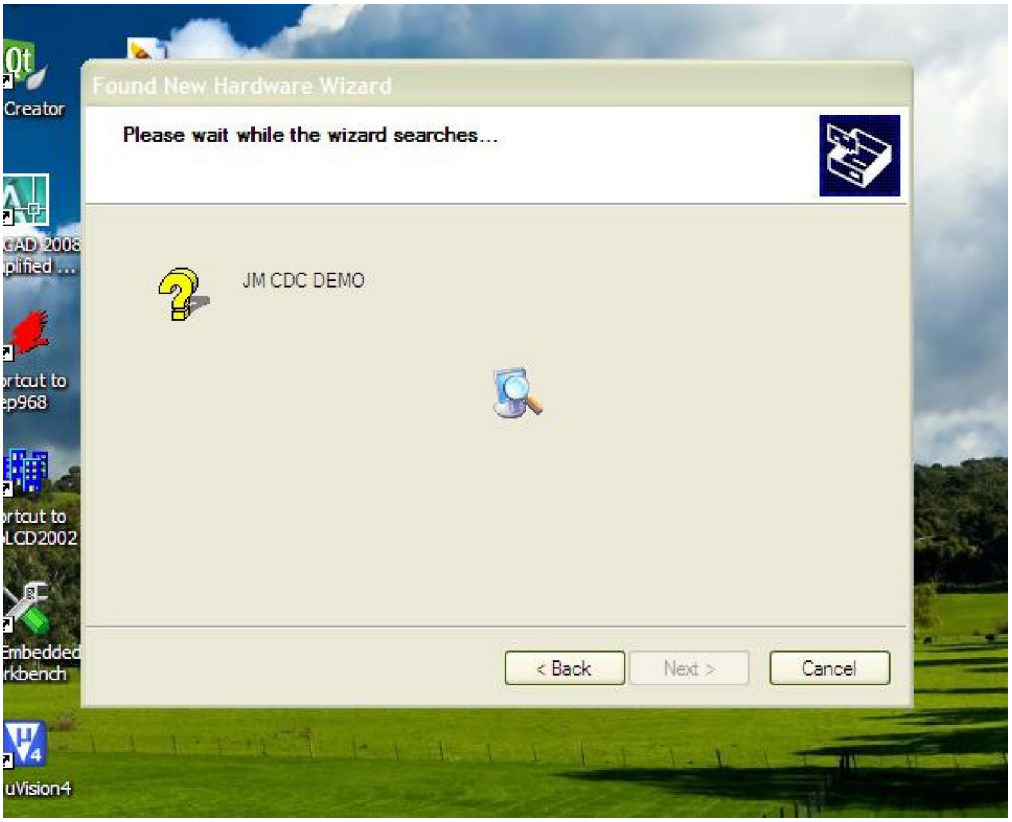
1.2 Select the USB driver path, it was in the CD



1.3 Click next



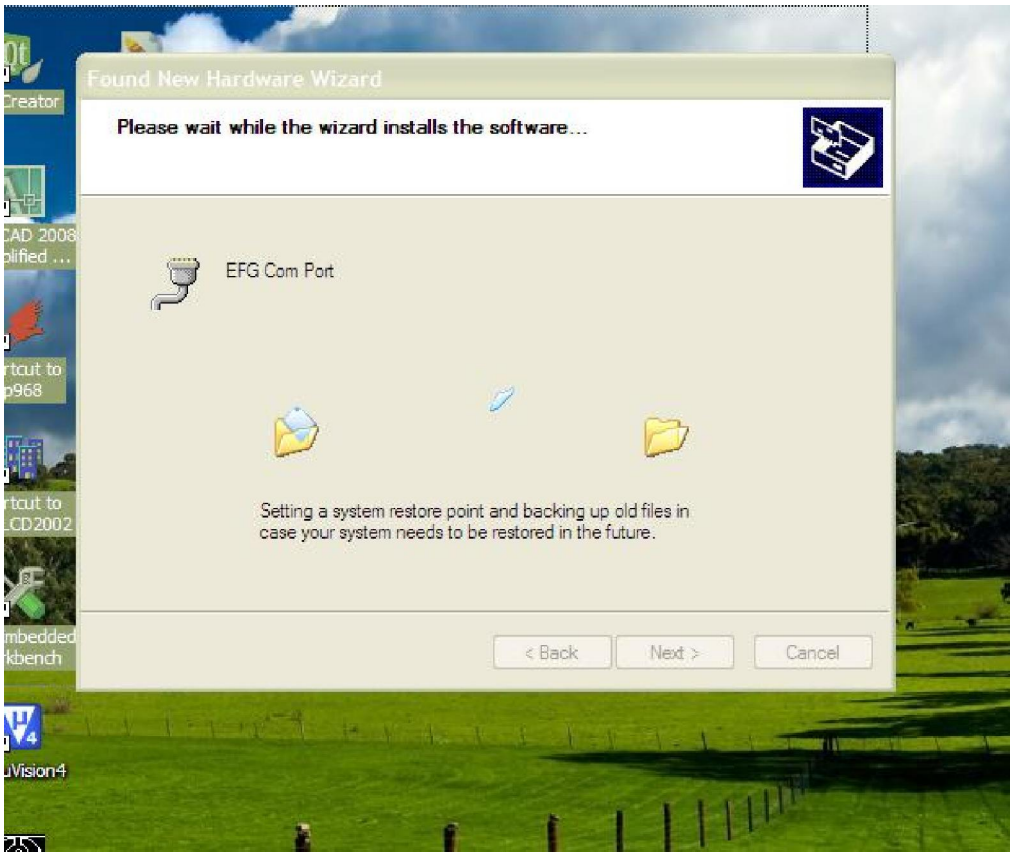
1.4 Check the driver



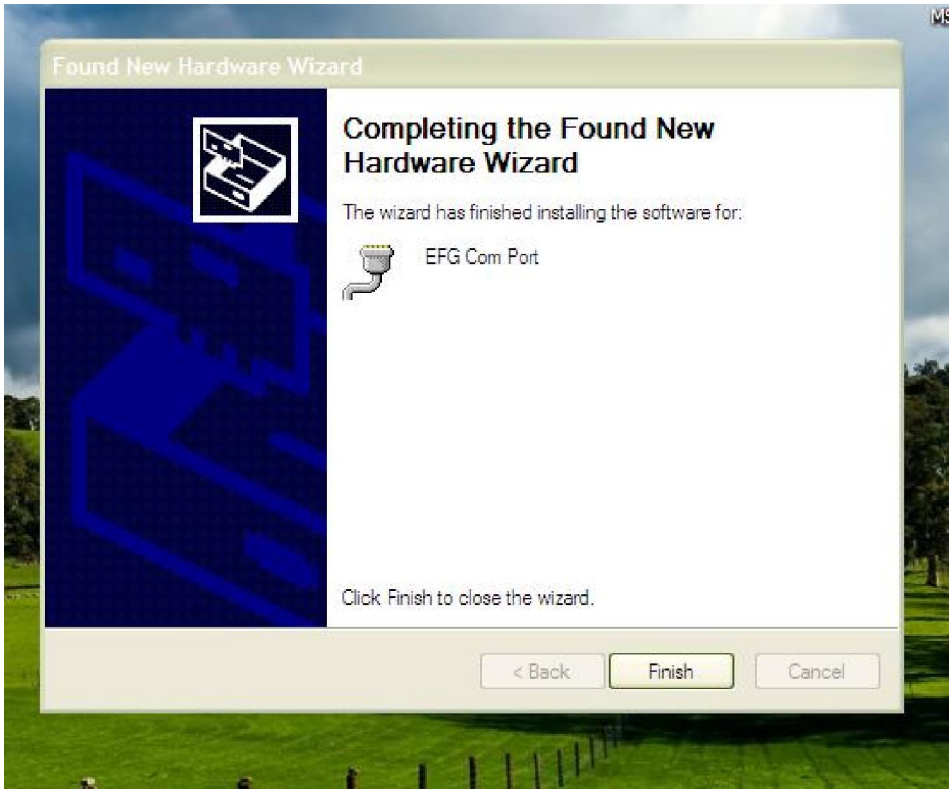
1.5 select continue anyway


Found New Hardware Wizard
Please wai
Hardware Installation
The software you are installing for this hardware:
EFG Com Port
has not passed Windows Logo testing to verify its compatibility with Windows XP. (Tell me why this testing is important.)
Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the hardware vendor for software that has passed Windows Logo testing.
Continue Anyway
STOP Installation
< Back
Next >
Cancel

1.6 Install


Found New Hardware Wizard
Please wait while the wizard installs the software...
EFG Com Port
Setting a system restore point and backing up old files in case your system needs to be restored in the future.
< Back
Next >
Cancel

1.7 Install the driver successfully

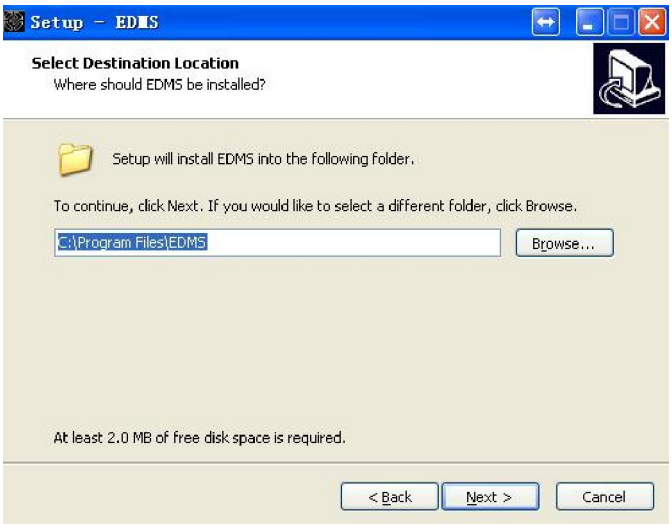


2. Install the EDMS software

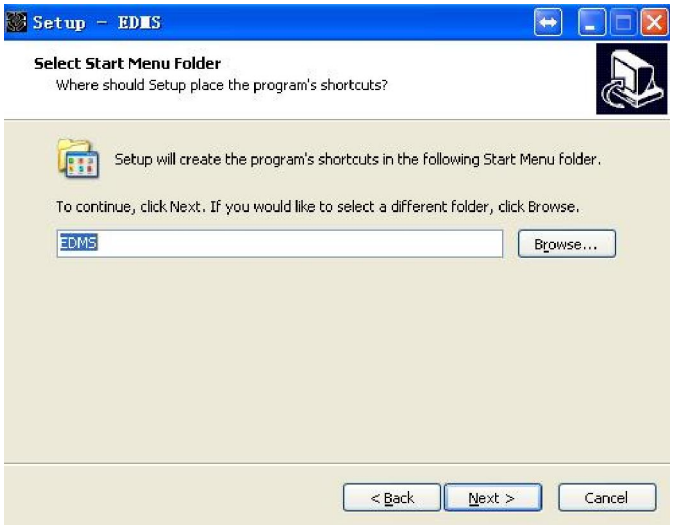
2.1 Double click the EDMS.exe

2.2 Click next

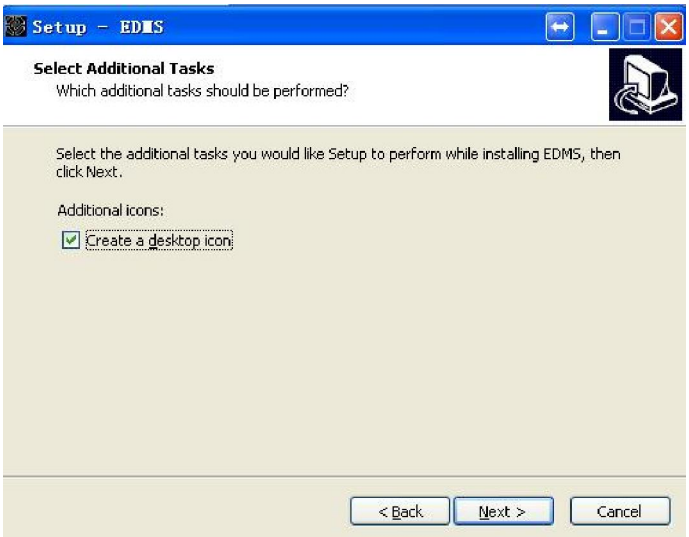
2.3 Set up the installation path and the click next



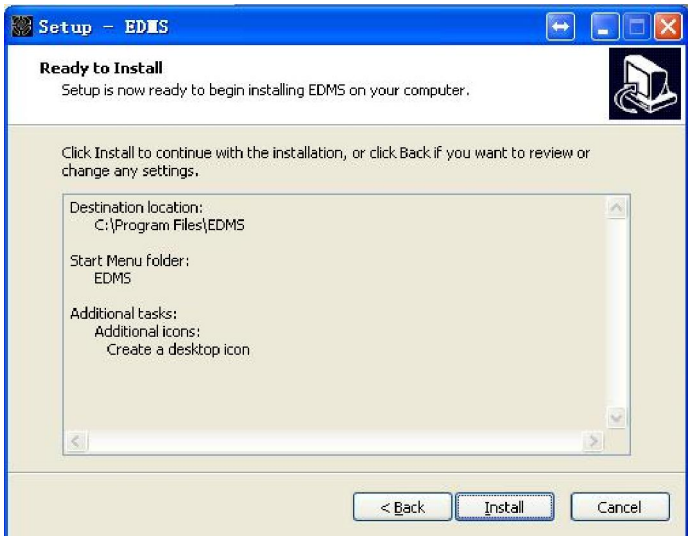
2.4 Click next



2.5 Click next



2.6 Install



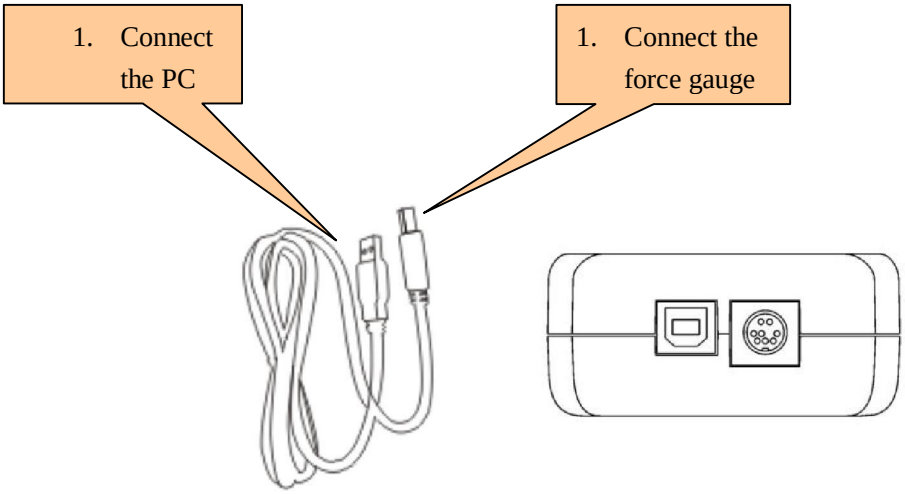
2.7 Finish install

3. EDMS user's guide

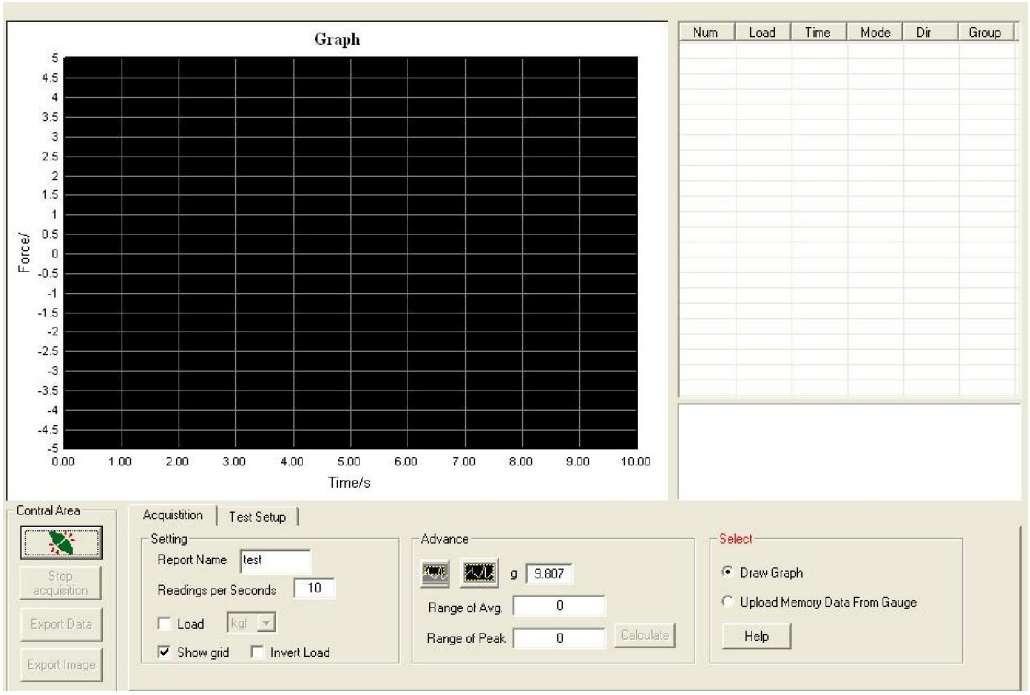
3.1 Connect to PC

Connect the USB cable to force gauge, and connect them to PC.

The USB driver for this software should be installed at the first time. The driver software is included in CD.



3.2 Open the software

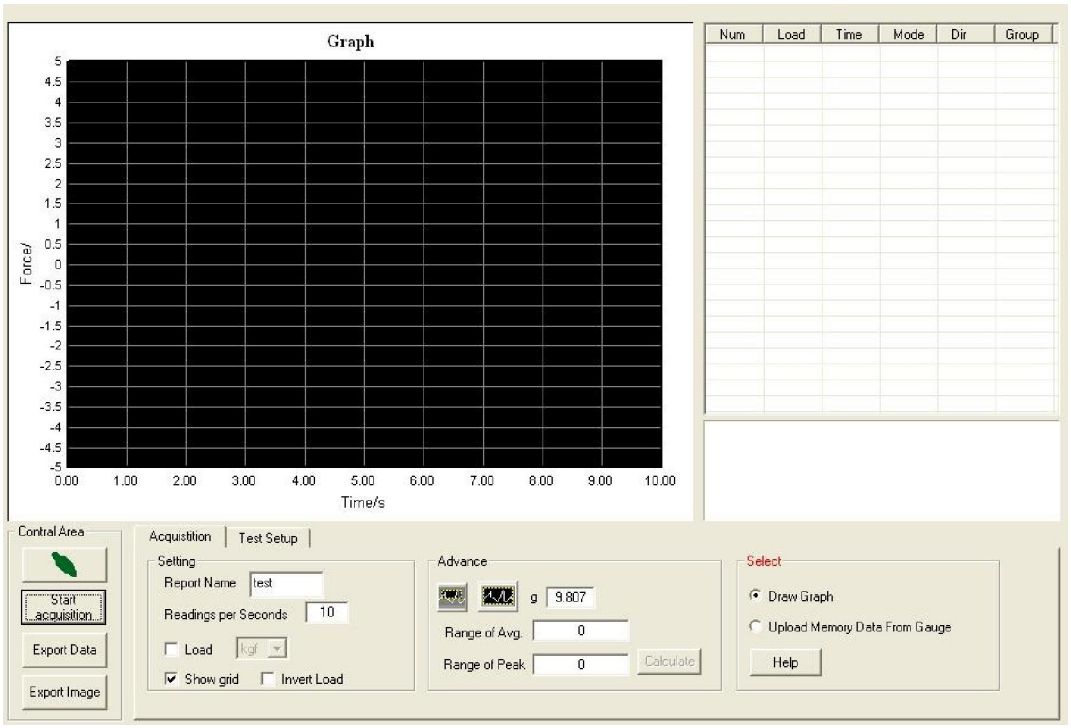


Connect gauge to PC, turn on the gauge. Open EDMS by double click the software icon.

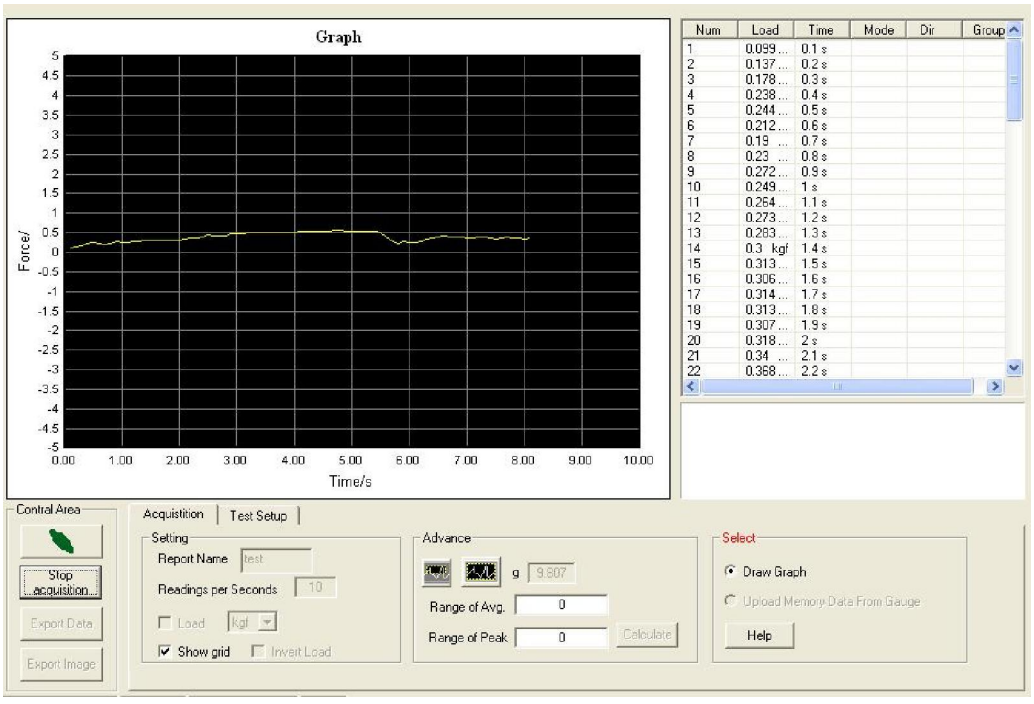
EDMS can identify connection with gauge automatically. If the connection is all right, icon will be showed, otherwise will show .

If is showing, means the connection is not normal, you can click button for trying to connect manually. If you still can not connect, the message “Can not find the device please reconnect the device or power on the device".

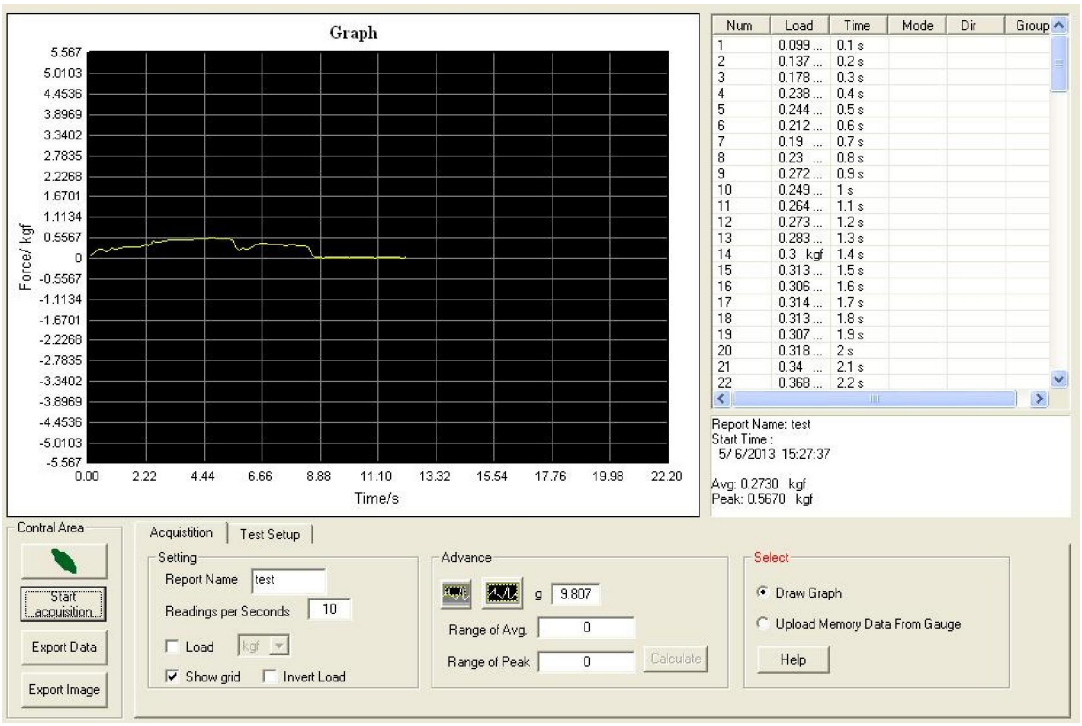
So check the USB cable, or the power of gauge. Or maybe you need to install USB driver.



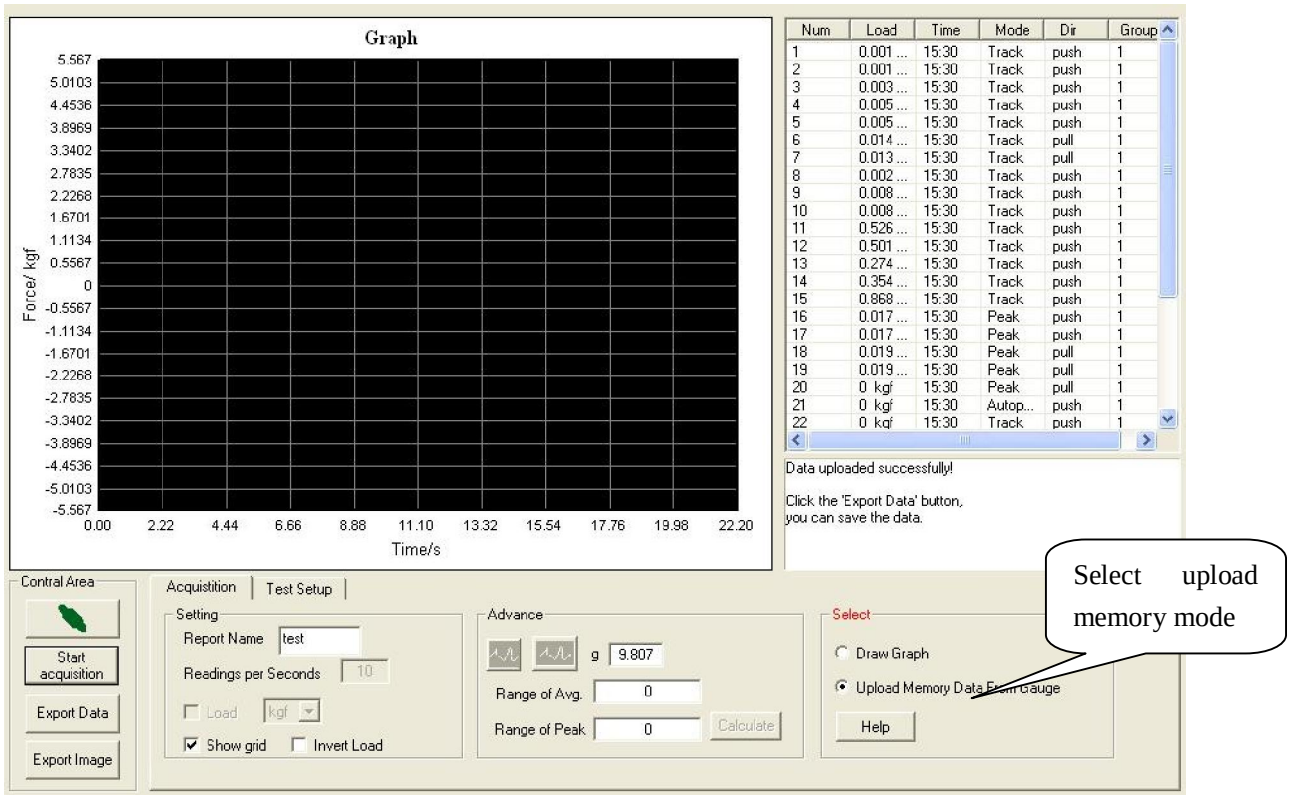
3.3 Click the “Start acquisition” button. And then the software will draw the graph



3.4 Click the “Stop acquisition” and then it will show all data’s and the whole graphics

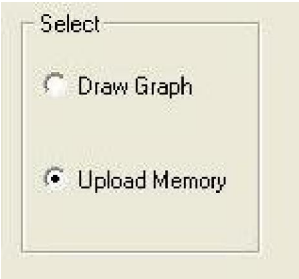


3.5 If you select the “upload memory mode”, it will upload the gauge memory data to the PC



3.6 Function

3.6.1 Select the upload way



Draw Graph

Choose the real time way, you can draw the graph by software.

Upload Memory

Choose the upload memory way, you can upload the gauge memory from this way

3.6.2 Control Area

You had connected the gauge

The gauge was not connect to the PC

3.6.3 Start acquisition

When the gauge was connected to the software, Click the “Start acquisition” button, the software will be running.

3.6.4 Export Data

Export the upload data.

3.6.5 Export Image

Export the image

3.6.6 Help

Open the help file

3.6.7 Setting

Report Name:

Set the name of the current data

Readings per Seconds

This numeric box sets the number of readings per second that Software requests data from the gauge and the available range is 0 to 60 readings per second.

Load

You can change the load unit,.

Show gird

Display or not display the gird

Invert Load

Invert the load direction

Advance

Set a zoom window with adjustable x- and y- dimensions for a specific part of the graph

View entire graph

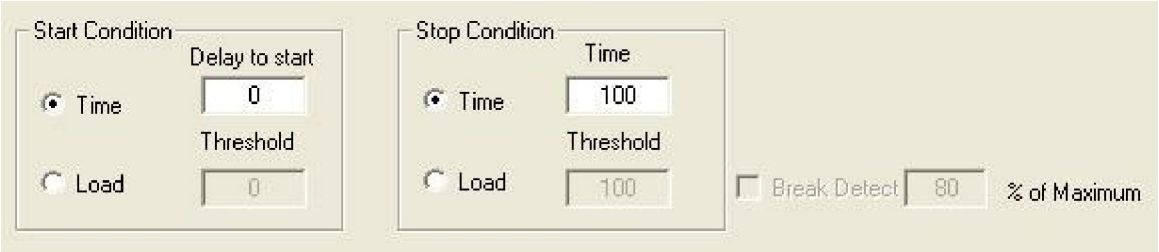
G

Set the gravity acceleration value

Calculate

Get the range of average and the Peak value

3.6.8 Test setup



Start Condition

Select an option button for time delay, load threshold to begin the test.

Time

Set time delay, in seconds, to begin the test.

Load

Set a load threshold to begin the test

Stop Condition

Select an option button for time, load to stop the test.

Time

Set the duration of the test, in seconds.

Load

Set the load threshold at which to terminate the test

Break Detect

Stop the test when the load decreases to a specified percentage of the maximum (peak) reading during the test.

3.7 Status bar

You can through the status bar to check the current software working condition

1. Connected or Not Connect

   If the gauge connect to the PC, when you open the software, it showed Connected or showed Not Connected

2. Ready or Running

   It showed “Ready”, the software is not working, and when it showed “Running”, it means

the software is working

3. The current version number

4. The running time

3.8 Error Massage

1

You should connect the gauge or power on the gauge.

2.

When the software is connecting to the gauge, you should not take the USB Port out, if it came out the message, you should reconnect the USB port.

3.

Element not found!

Copy the “Ntgraph.ocx” file to C:\WINDOWS\system32: cover the old files

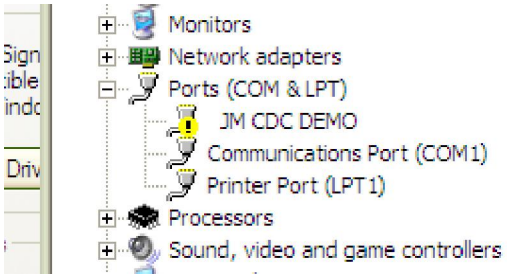
4. USB driver installation error solution

4.1 If the USB driver was installed error, you can manually install the USB driver by steps

Step1: right button click my computer, select the properties

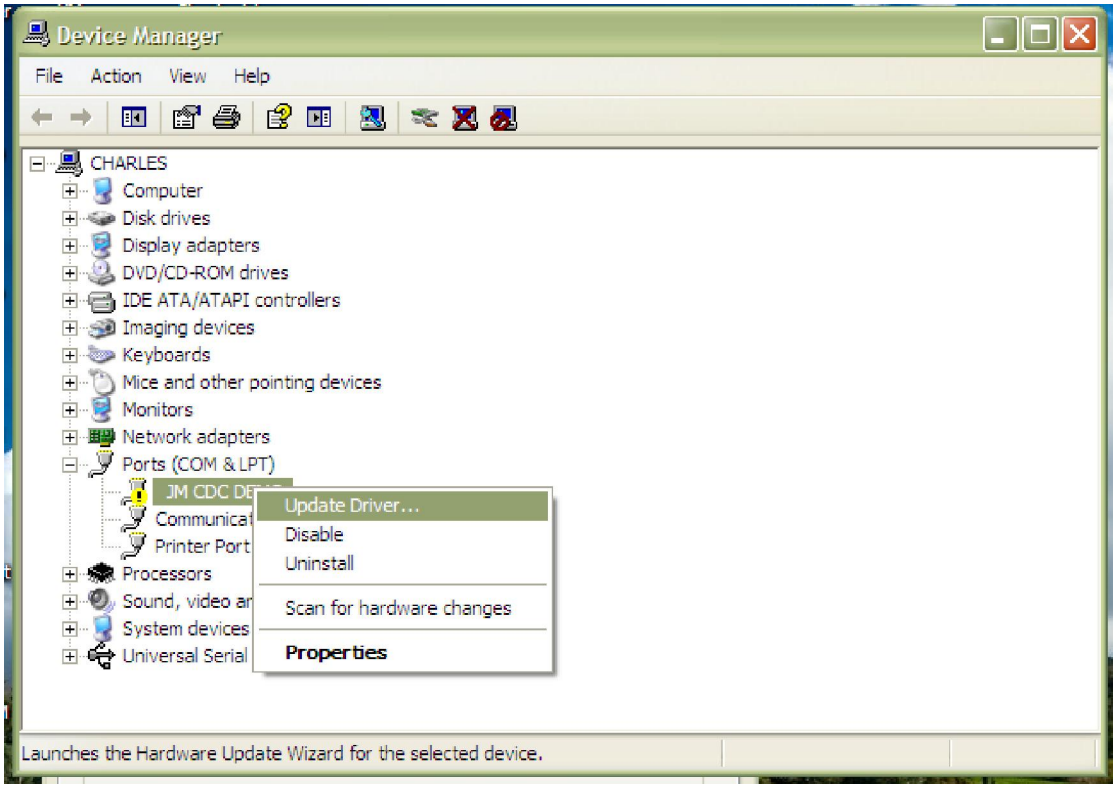
Step2. Click the Hardware

Step3: Check the port (COM &LPT)



If you found the JM CDC DEMO, it means the USB driver was not installed successfully

Step4: Right button click and then select Update Driver, then you can install the driver (**see Install the USB driver**)


Device Manager
File
Action
View
Help
CHARLES
Computer
Disk drives
Display adapters
DVD/CD-ROM drives
IDE ATA/ATAPI controllers
Imaging devices
Keyboards
Mice and other pointing devices
Monitors
Network adapters
Ports (COM & LPT)
Processors
System devices
Update Driver...
Disable
Uninstall
Scan for hardware changes
Properties
Launches the Hardware Update Wizard for the selected device.