A.   System Requirements

To use **UT803 Interface Program**, you need the following hardware and software:
- An IBM PC or equivalent computer with 80486 or higher processor and 600 x 800 pixel or better monitor.
- Microsoft Windows 95 or above.
- At least 8MB of RAM.
- At least 8MB free space in hard drive.
- Can access to a local or a network CD-ROM.
- A free serial port.
- A mouse or other pointing device supported by Windows.

B.   Installing hardware

- UT803 support both RS232 and USB

- Select the corresponding interface cable connecting to the UT803 and the computer

C.   Installing UT803 Interface Program

To install **UT803 Interface Program**, please follow below procedure:

Before install the interface program, make sure that the computer is running the Window 95 or above operating system.

The installation of COM and USB is the same but USB needs also to install the driver.

1.   -Insert the provided CD-ROM into CD-ROM drive.
       -Double-click the My Computer icon from the Windows desktop.
       -Locate the CD-ROM drive from the window, double-click the drive letter to display the folder of UT803.
       -Double-click UT803 to display the contents of the folder.
       -Double-click the file Setup.Exe.
2.   Follow the on-screen installation instructions.
3.   The installation program will create a **UT803 Interface Program** folder.
       You will be prompted to select the kind of Program Folder you want to install; you should select **"UT803 Interface**

_____   _____

Program".

D. Installing USB Driver

1. Connecting the USB cable with the Meter and the computer, the following diagram shall be shown on the computer. Then click **Next**.
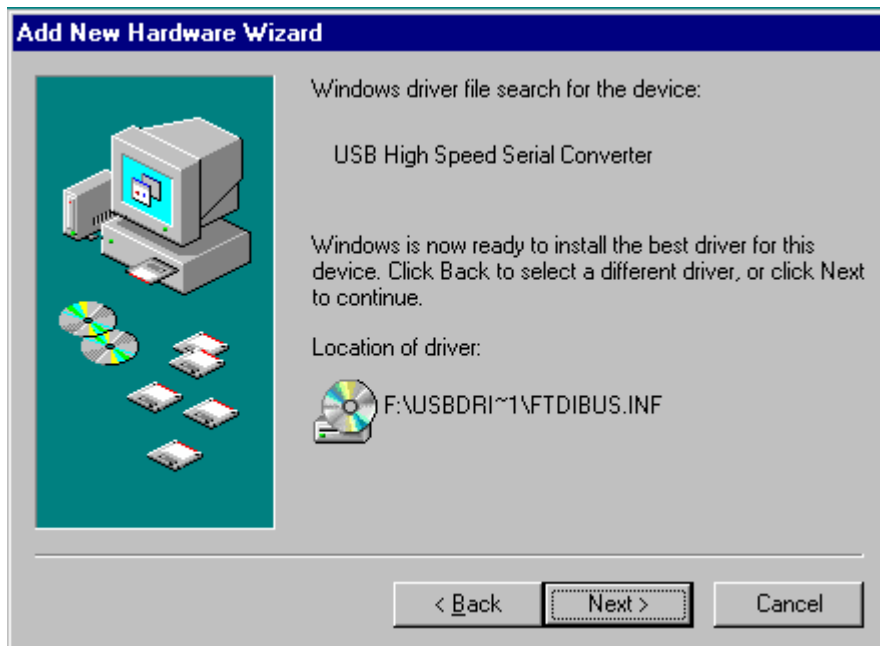
Add New Hardware Wizard

This wizard searches for new drivers for:

USB <-> Serial

A device driver is a software program that makes a
hardware device work.

< Back   Next >   Cancel

_____   _____

2. Then the following diagram will be shown, click **Next**

3. The following diagram will be shown. Insert the UT803 Interface Program CD into the CD-ROM drive.
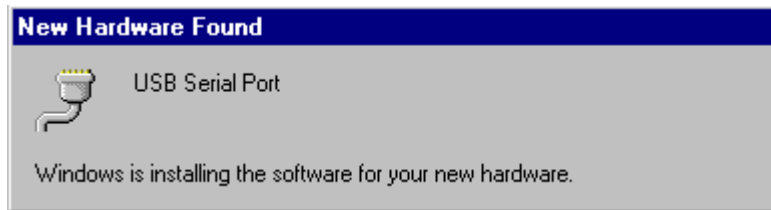Select as per the below picture shown
Click **Next** again

_____   _____

4. The following diagram will be shown, click **Next** again

_____   _____

5.   The following diagram will be shown, click **Finished** again

_____   _____

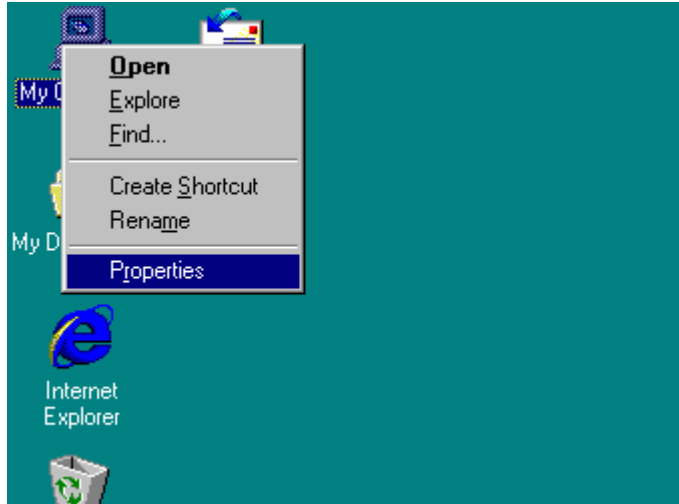6.   The computer will be restarted and it will detect the USB serial port automatically.

_____   _____

New Hardware Found

USB Serial Port

Windows is installing the software for your new hardware.

The USB driver installation is completed.
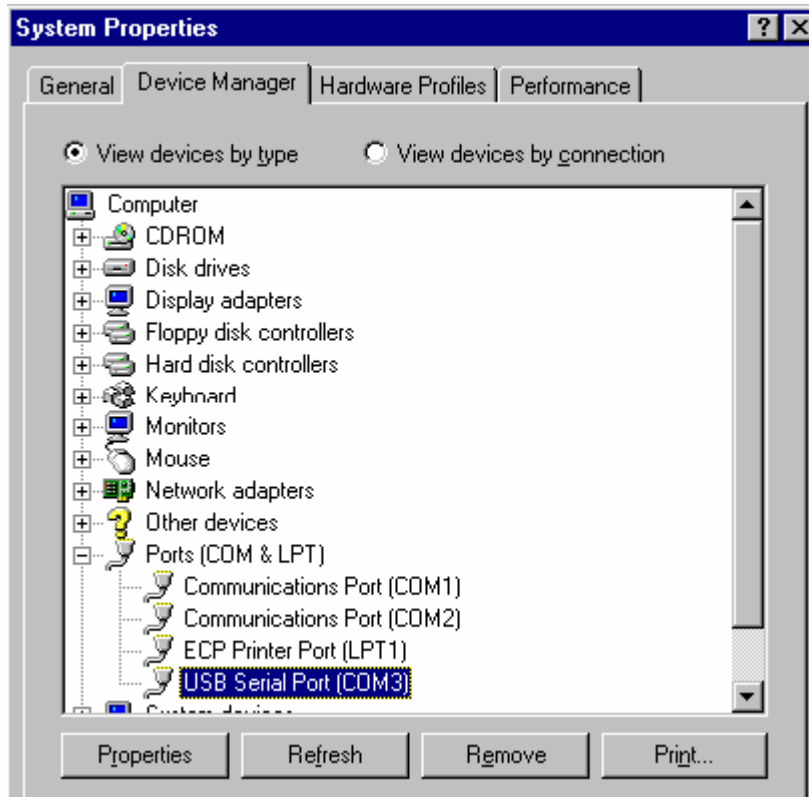
_____   _____

E. Selecting USB Serial Port

Connecting the USB interface cable with the Meter and the computer and also finished installing the USB driver.

1. Right click **My Computer icon** on the Windows desktop, then left click to select **Properties**.

2. Left click **Device Manager** and select **USB Serial Port** as shown below picture and click **Confirm.**

_____   _____

F. Getting Started with UT803 Interface Program

To run the **UT803 Interface Program**, please do the followings:

_____   _____

1.   Insert the supplied RS232C or USB interface cable into the slot at the back of the Meter and properly connect the other end of the cable to the port of computer.

    "NO COM" will be displayed on the computer screen if it is not connected properly.

2.   From the Windows **Start** menu, choose **Programs** > **UT803 Interface Program** > **UT803**

3.   Press **COMSetup** to select corresponding COM 1/ 2 / 3 / 4.   When using USB, please refer to **"E. Selecting USB Serial Port"**

4.   Press **Connect** from menu bar to start the connection, the icon will be displayed.

G.   Graphical Operations (see figure 1)

During the connection, you can select the following functions by clicking the corresponding icon:

Fill: Click the box to select "fill-up graph" or unclick to select "line graph".
Record: Setting the number of record to show on graph.
Clear: To clear all the graphics records permanently.
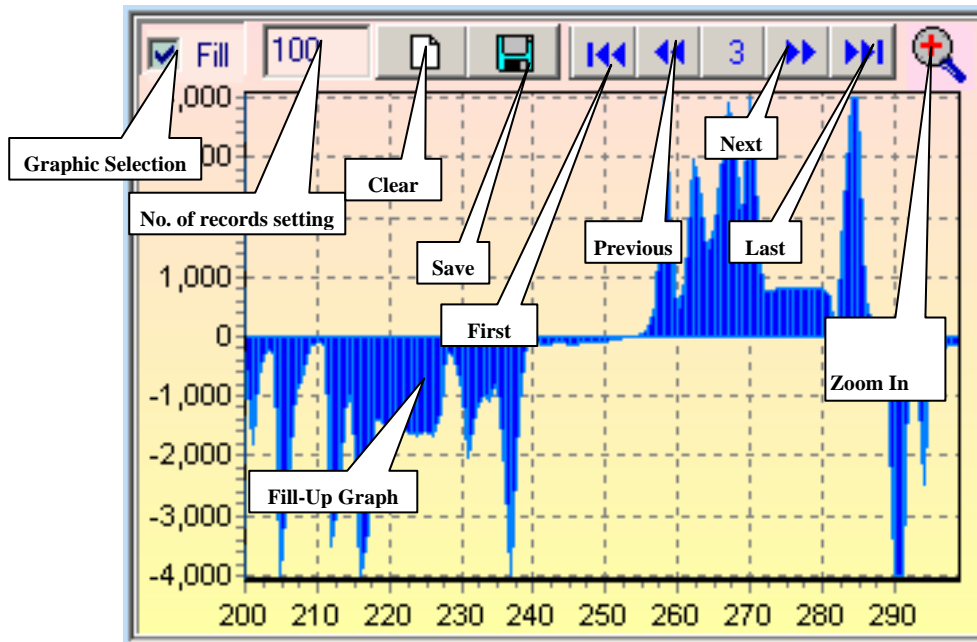**Save:**   To save a file in BMP format.   The default file name is C:\DATA1.BMP".
First: Go to the first graphic.
Previous: Go to the previous graphic.
Next: Go to the next graphic.
Last: Go to the last graphic.
Zoom In: To enlarge part of the graphic.

(figure 1)

H. Data Recording Operations (see figure 2)

During the connection, you can select the following functions by clicking the corresponding icon:

Repeat: Click the box to keep the repeat record, or unclick the box to ignore the repeat record.

Sampling Interval: Click to enable sampling interval function, or unclick to disable the function
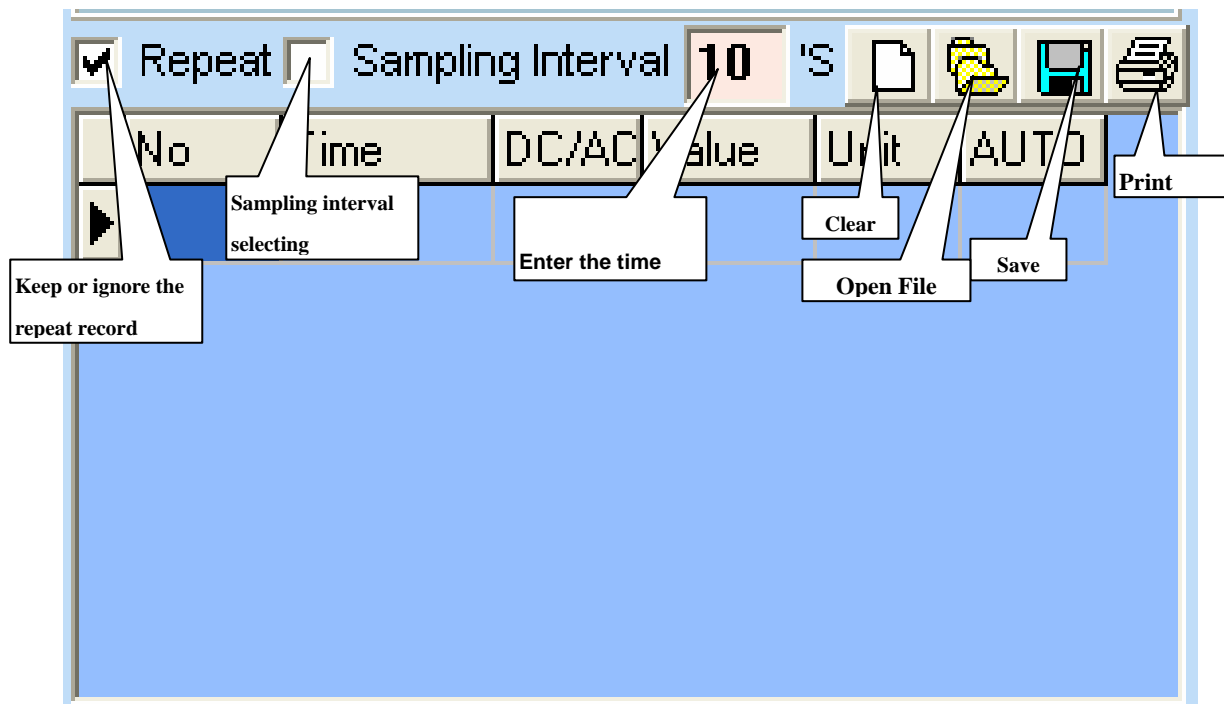Enter the sampling interval time, the unit is second.

Clear: To clear all the records permanently.

Save: To save all the record in different format including Excel (*.xls), Text (*.txt) and Data Base (*.db). The Data Base file can be re-opened by using this software.

Print: Printing the current records.

_____ _____

Open File: Opening the saved Data Base (*.db) format document.

(figure 2)

I.   Max Min Operations (see figure 3)

MIN: Recorded maximum value.
MIN: Recorded minimum value.
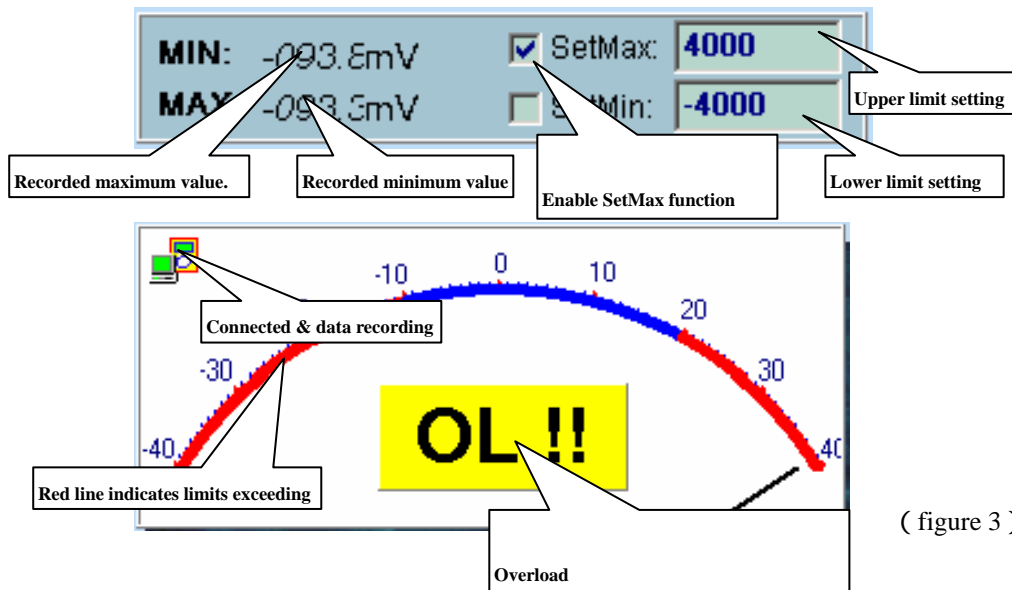**SetMax:** Click to enable the SetMax function or unclick to disable.
               Enter the upper limit value in full digit, it does not identify range or function.

SetMin: Click to enable the SetMin function or unclick to disable.

Enter the lower limit value in full digit, it does not identify range or function.

The Meter is connected properly to the computer and data is recording.

OL!! Overload, the recorded value exceeds the SetMax and SetMin value. It will be flashing and the computer will sound if loudspeaker is installed.

figure 3

J. Selecting Number of Records

You could select the number of records to be recorded from the **"Record"** pull down menu. The number of record that the software could record is highly depending on the computer specification. If the number of records exceeds certain number, the computer will slow down. Below is the guide helping you to do the selection:

Normally a 486 computer can record from around 1000 to 5000 records

Normally a 586 computer can record from around 10000 to 50000 records

_____   _____

Pentium 2 or above computer can record around 50000 or more records.

K. Remarks

1. Before you re-install the software, please remove the installed program as follows:
   My Computer > Control Panel > Add/Remove Programs
2. If abnormal digits or symbols were found, please remove font "UNIT-A2" and then install new font set from "FONT" directory on the provided CD-ROM.
3. Please go to our web site www.uni-trend.com to download the updated version when it is available.

END
* This operating manual is subject to change without notice. *

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