

Multi-Digital MFC Software V1.00
User's Manual

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1. Instruction

Multi-Digital MFC software is applied to the CS MFC of Beijing Sevenstar Electronics Co., Ltd. It provides friendly man-machine interface and convenient operation with major functions such as monitoring the flow readout of multiple devices, setting set point, changing the configurations of MFC *etc.* The main goal is to control and monitor more than one MFC.

2. System Requirements

Hardware: CPU: P4 1.5GHz

RAM: 256M

Serial Port

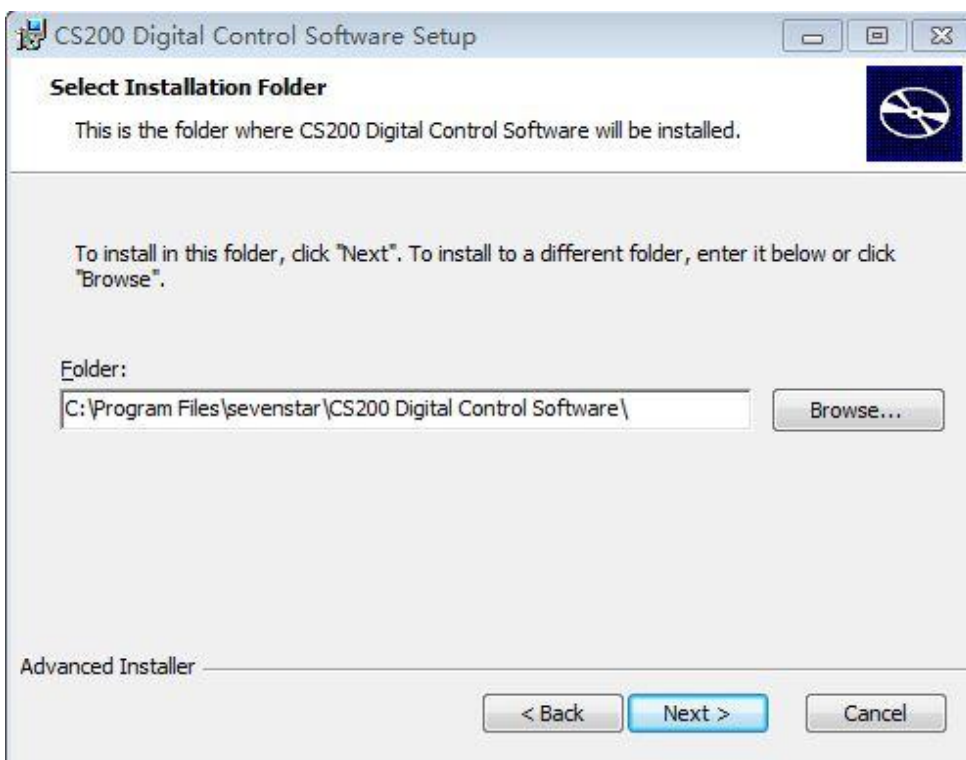
Operation system: Windows XP sp2 or Windows 2000 sp4

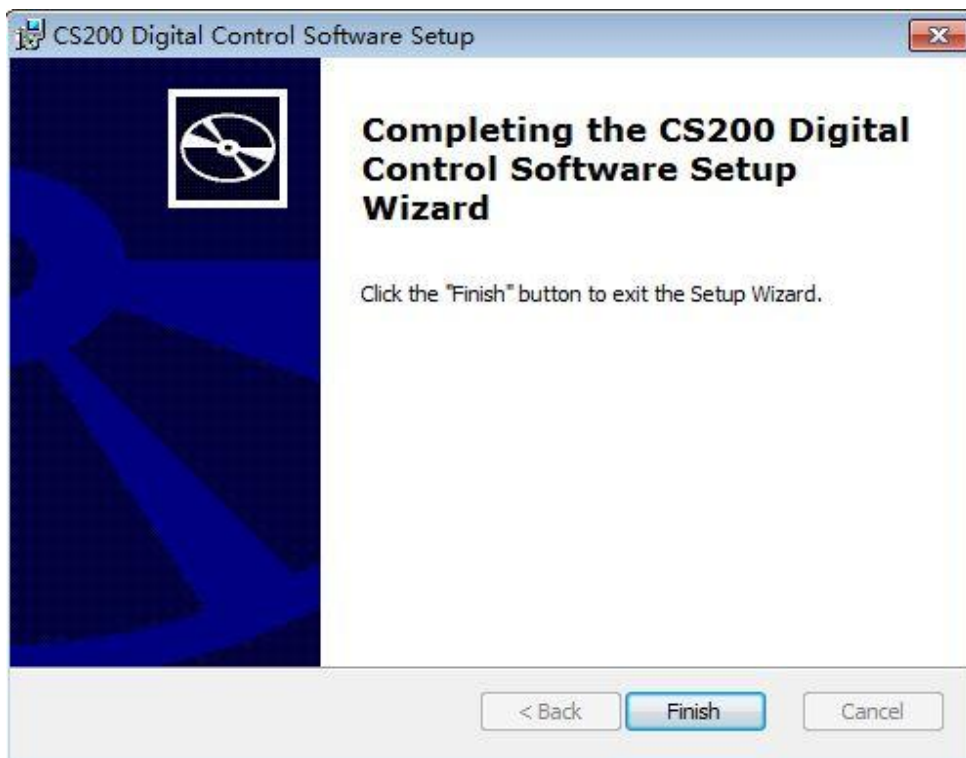
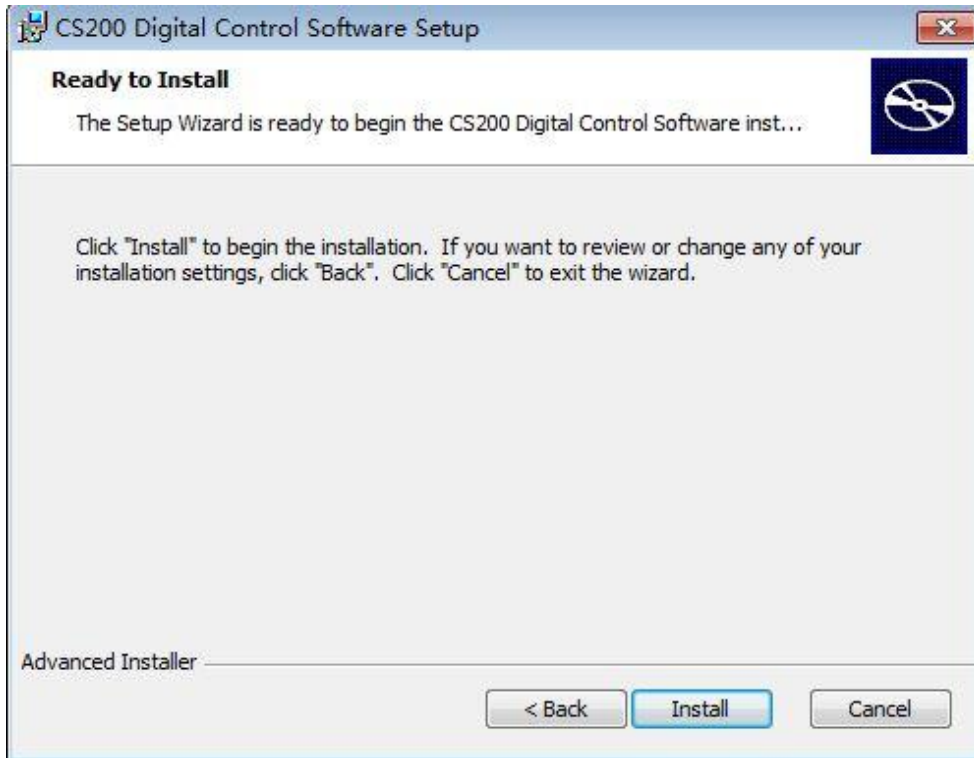
3. Installation

Step 1 Run the setup application “**MultiDMFC.exe**” .



Step 2 Install the software following the instructions.





4. Using the software

(1) Connect the Devices



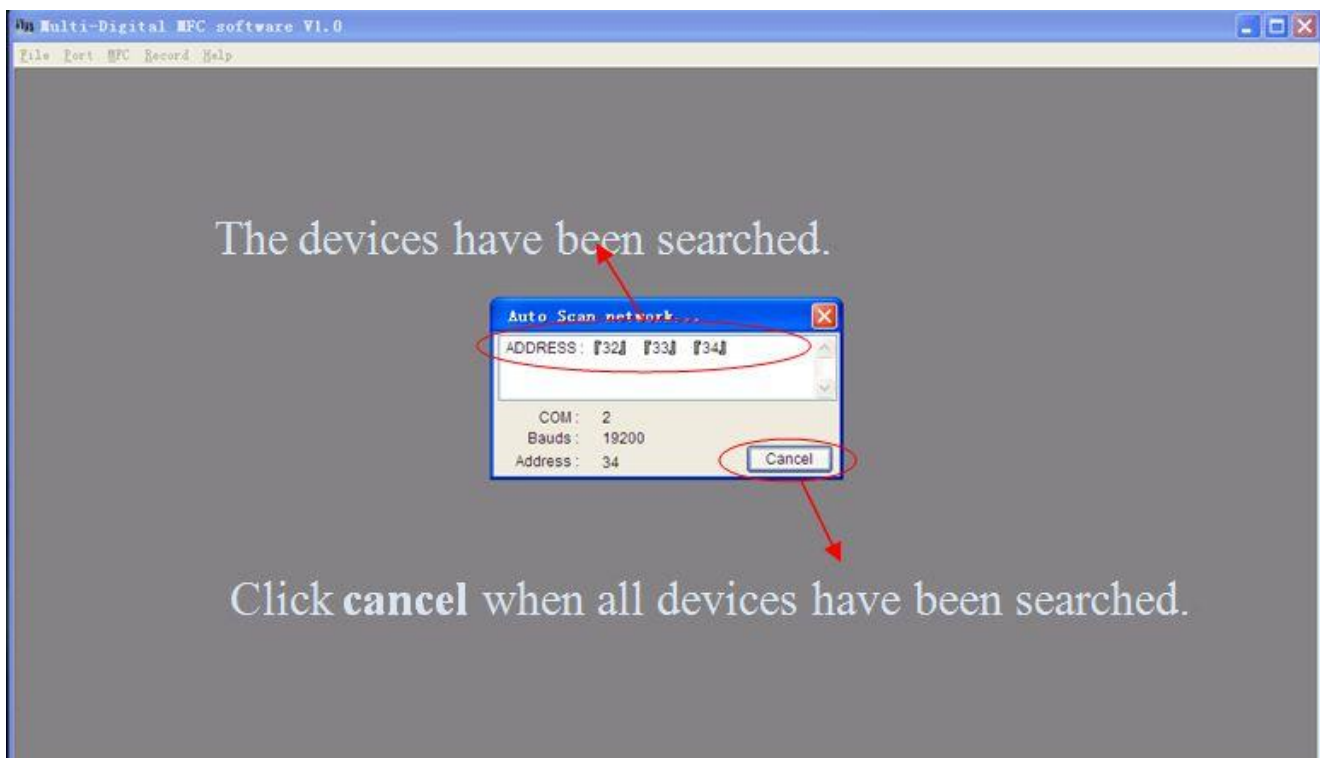
Make sure that devices have been connected to PC exactly with series port.

(2) Run the Application

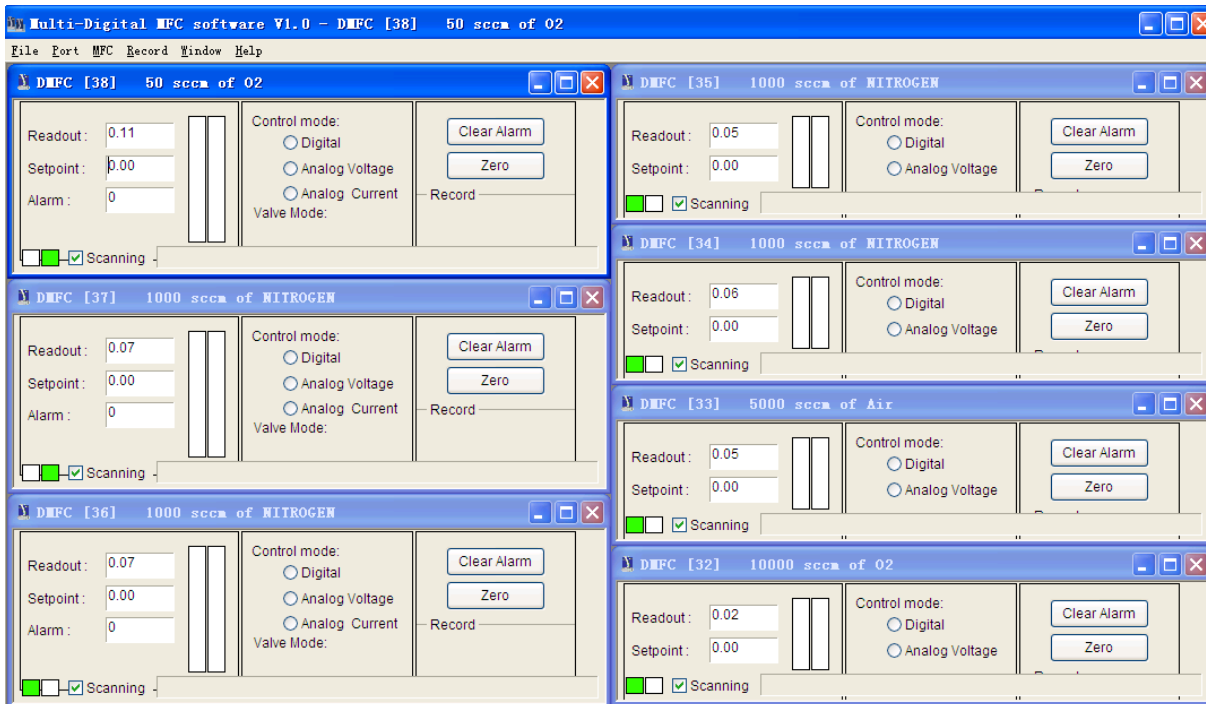
Double Click the icon on the desktop.



The program will try to connect the devices.

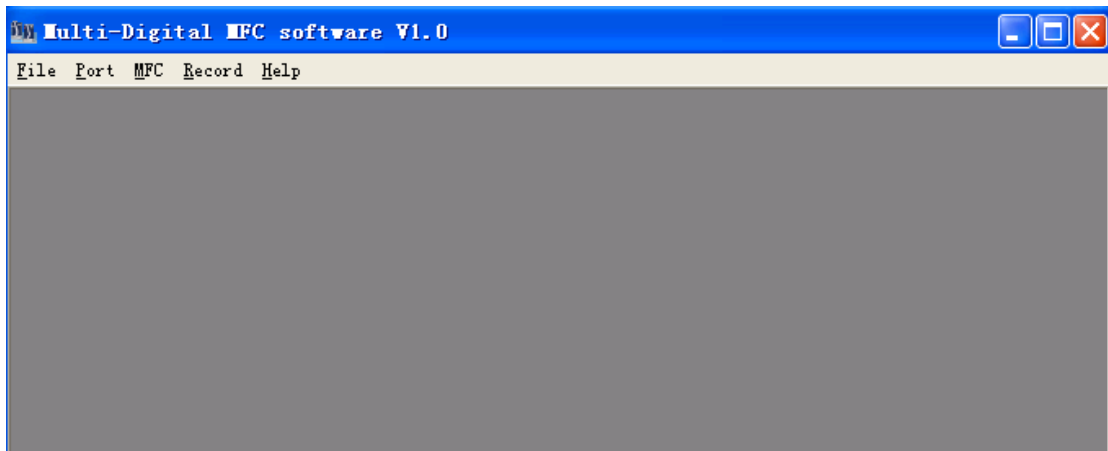


1. The address will be searched from 32 to 96.
2. Baud rate could be 19,200 or 9,600 or 4,800 or 2,400 or 1,200.
3. The series port number is from 1 to 9
4. When all MFC are finished, please click **Cancel** to stop searching. Note Searching will not stop automatically until all serials ports, baud rate and address ranges are tried.

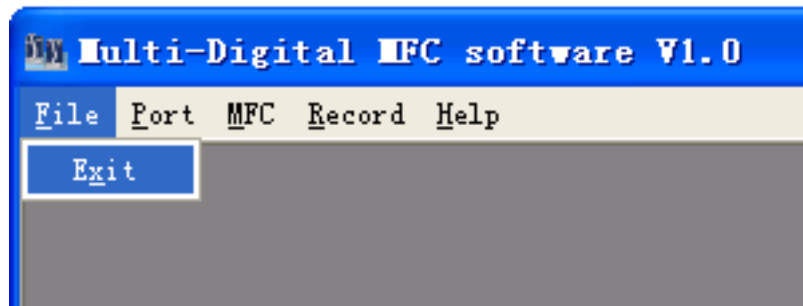


(3) Function Instruction

Main window



3.1 File

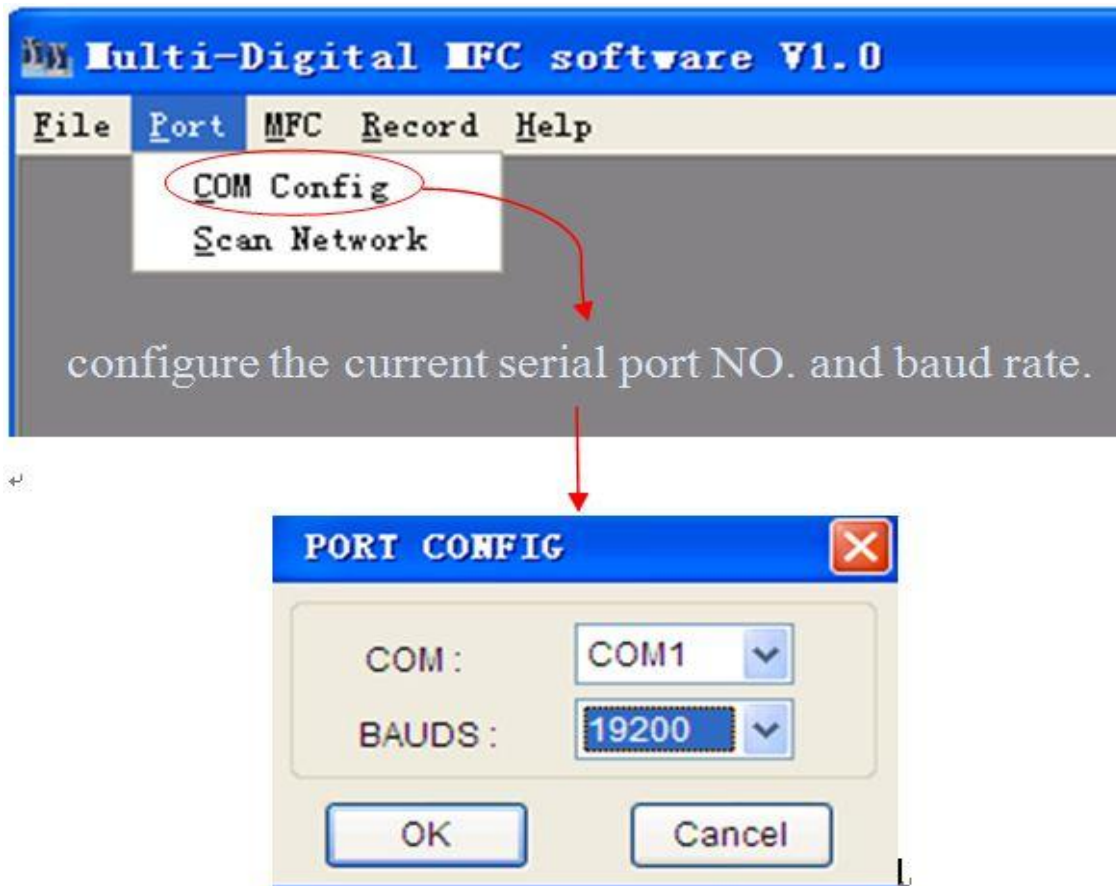


Function:

Click **Exit** to close the application.

3.2 Port

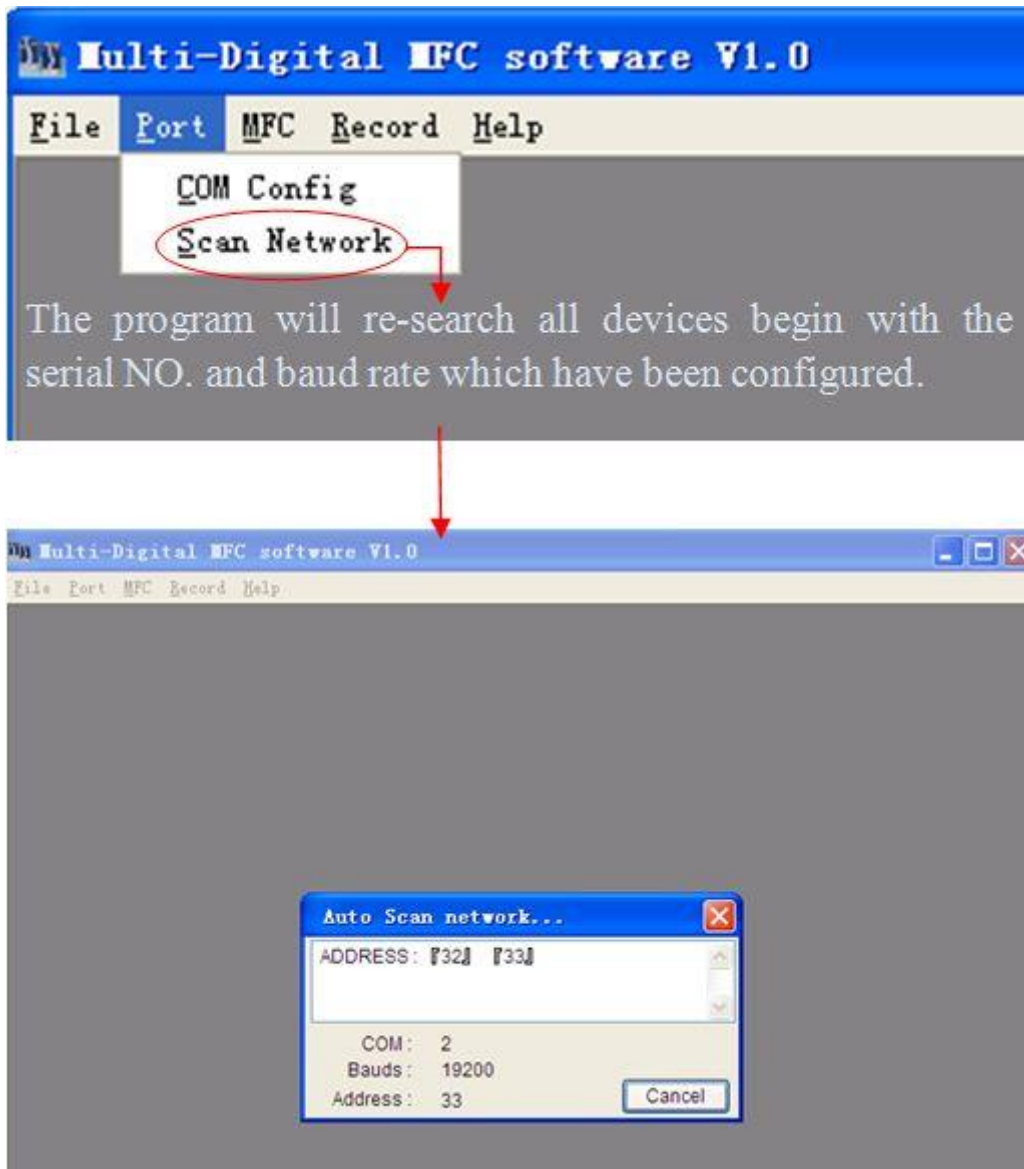
3.2.1 Serial Port Configuration



Function :

You can configure the current serial port NO. and baud rate.

3.2.2 Re-search

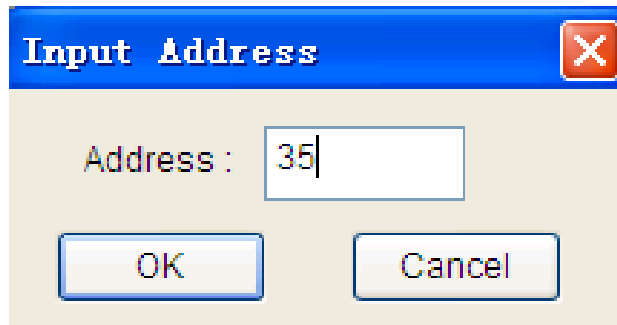
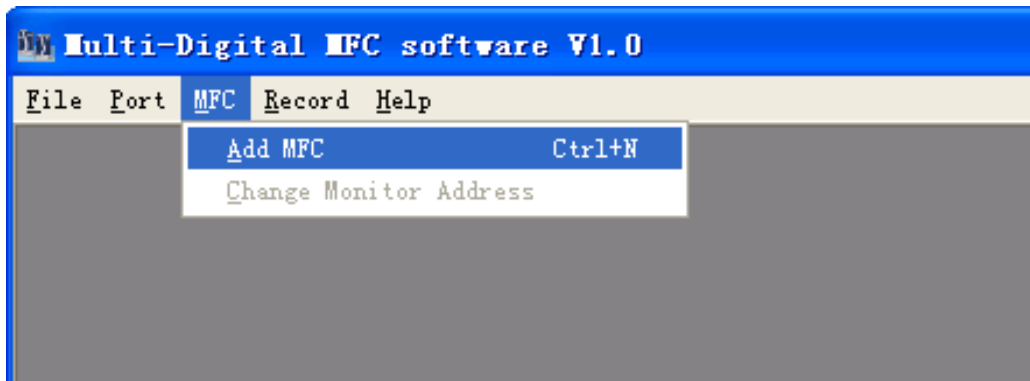


Function :

The program will re-search all devices begin with the serial NO. and baud rate which have been configured.

3.3 Devices

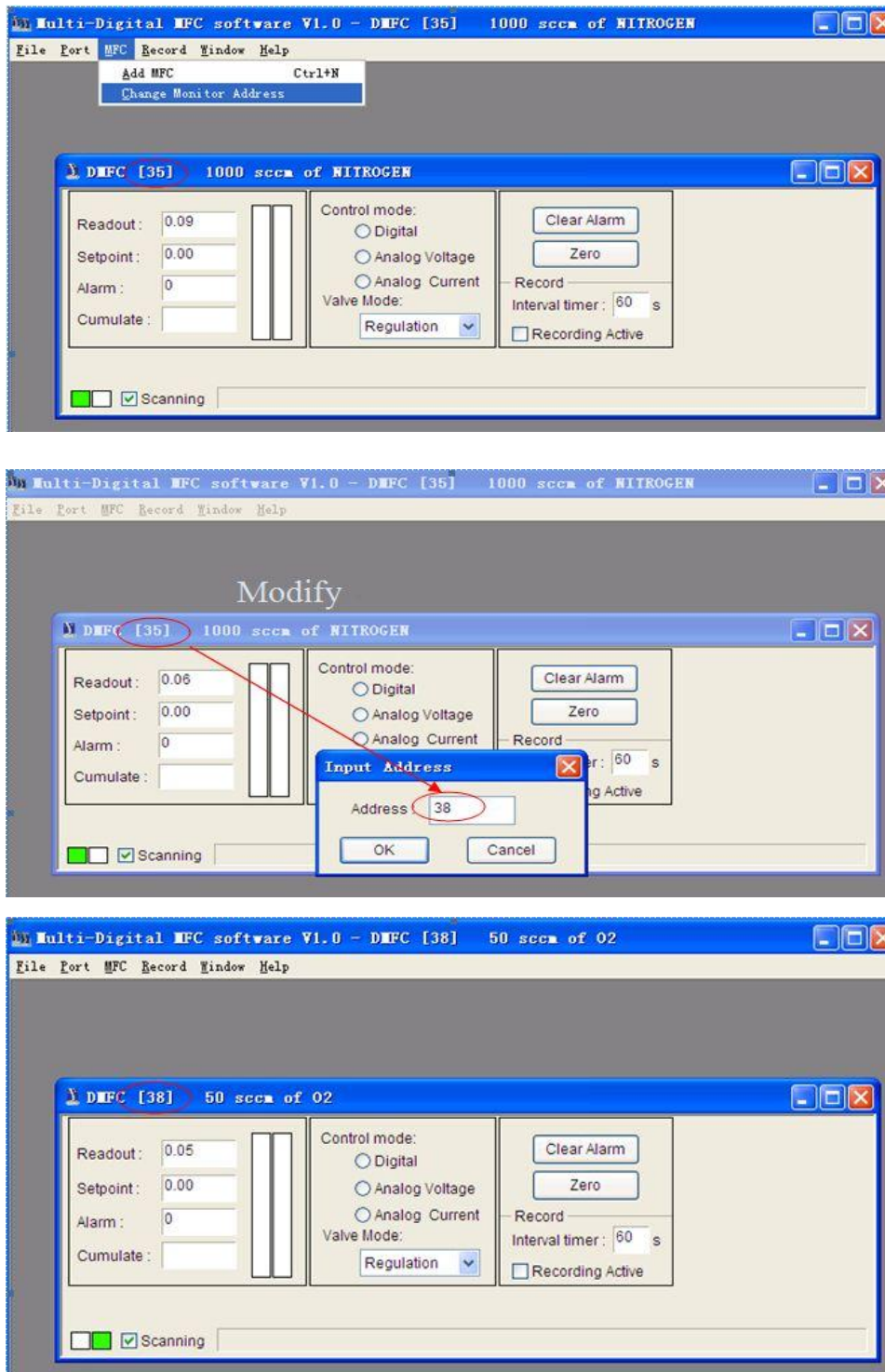
3.3.1 Add New Devices



Function:

1. Add new devices
2. Enter the address of new device, and then click **OK**.

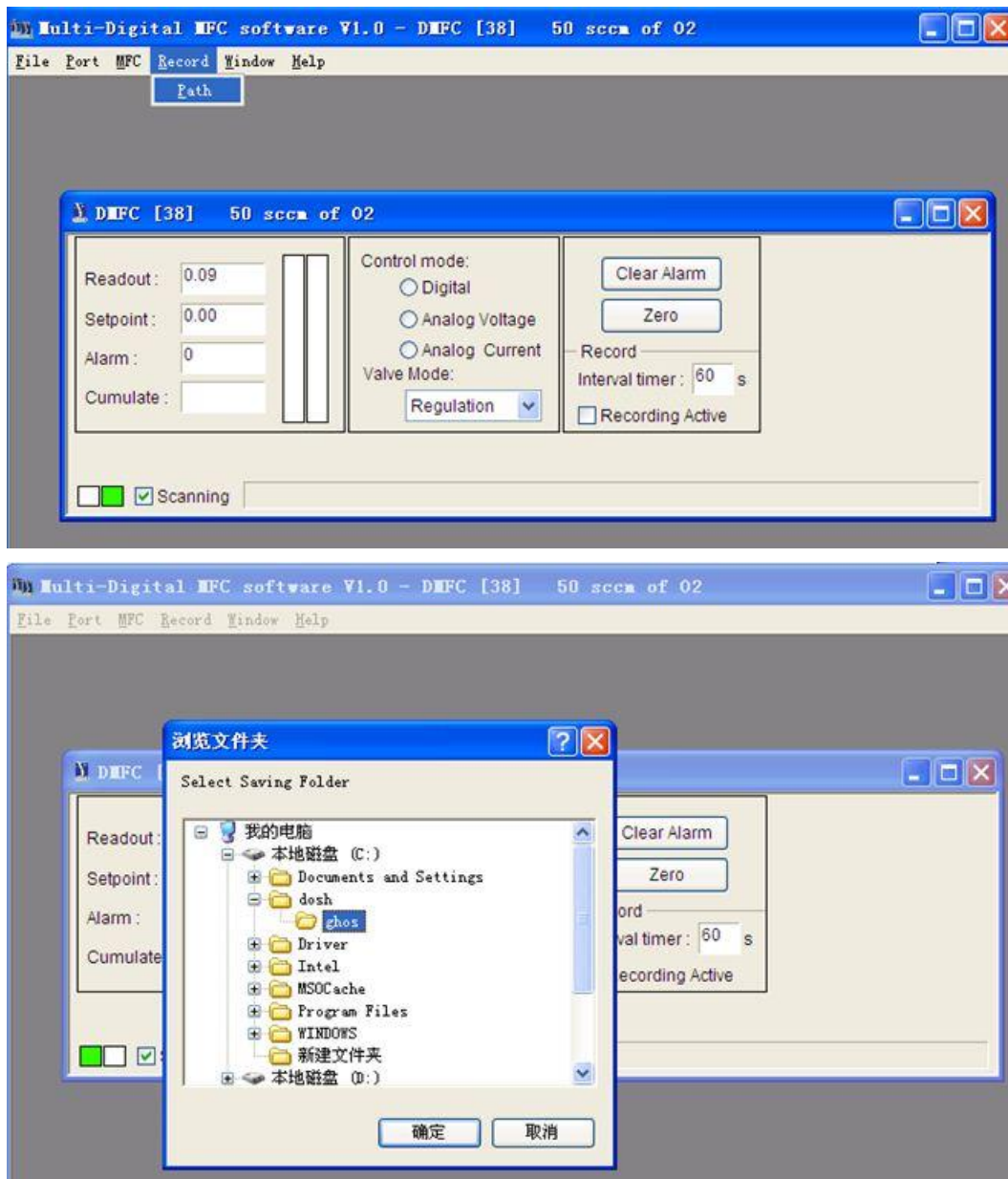
3.3.2 Change Monitor Address



Function:

1. Click **Change Monitor Address** to change the current monitored address.
2. Enter the address of device which you want to monitor, and then click **OK**. The address will be changed.

3.4 Record Data

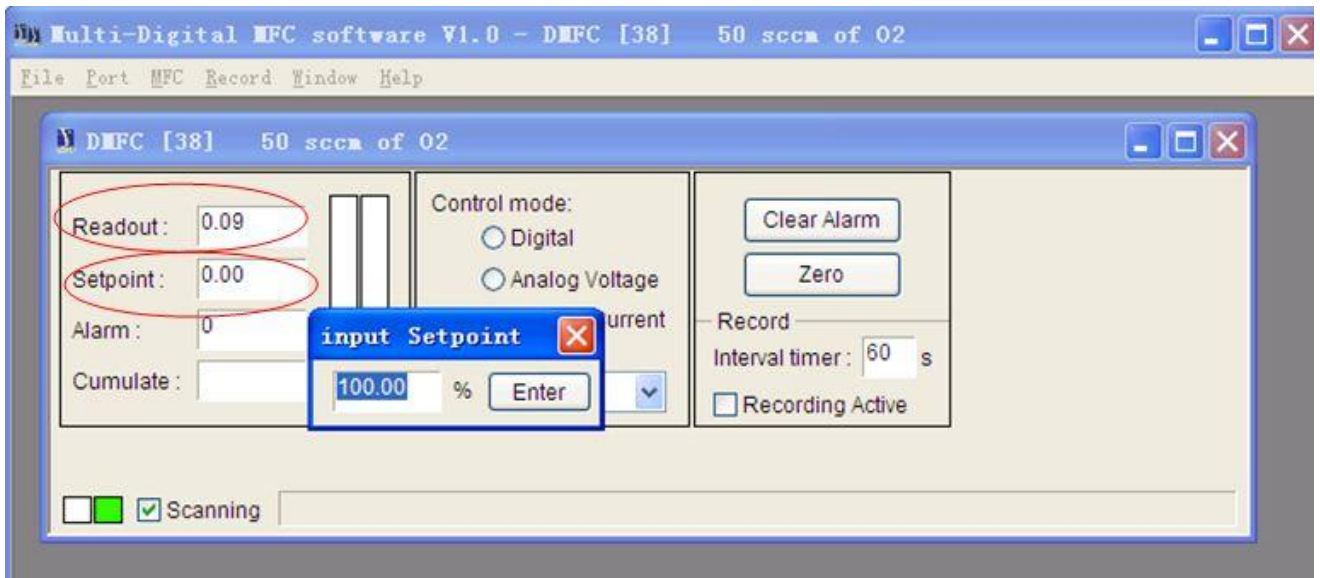


Function :

You can set the save path of data by yourself. The file chosen will save the recording.

(4) Operation Instruction

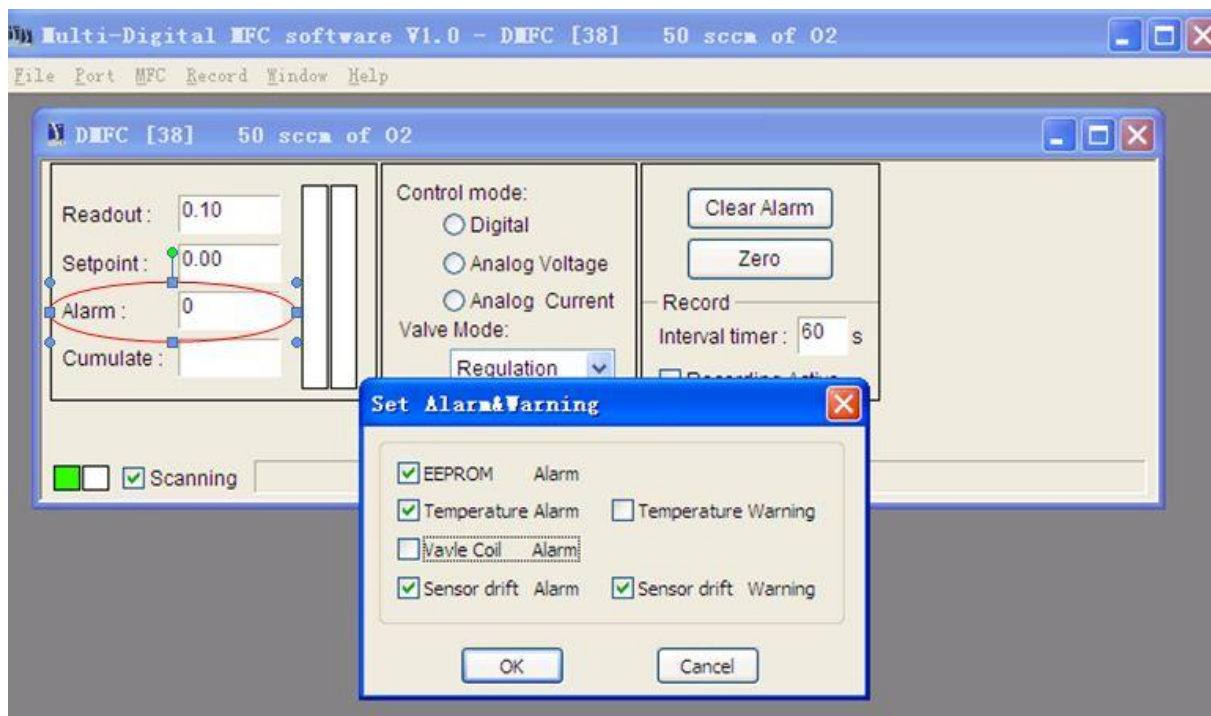
4.1 Set the Setpoint



Function :

1. Display the readout.
2. Set a new set point (in digital control mode).

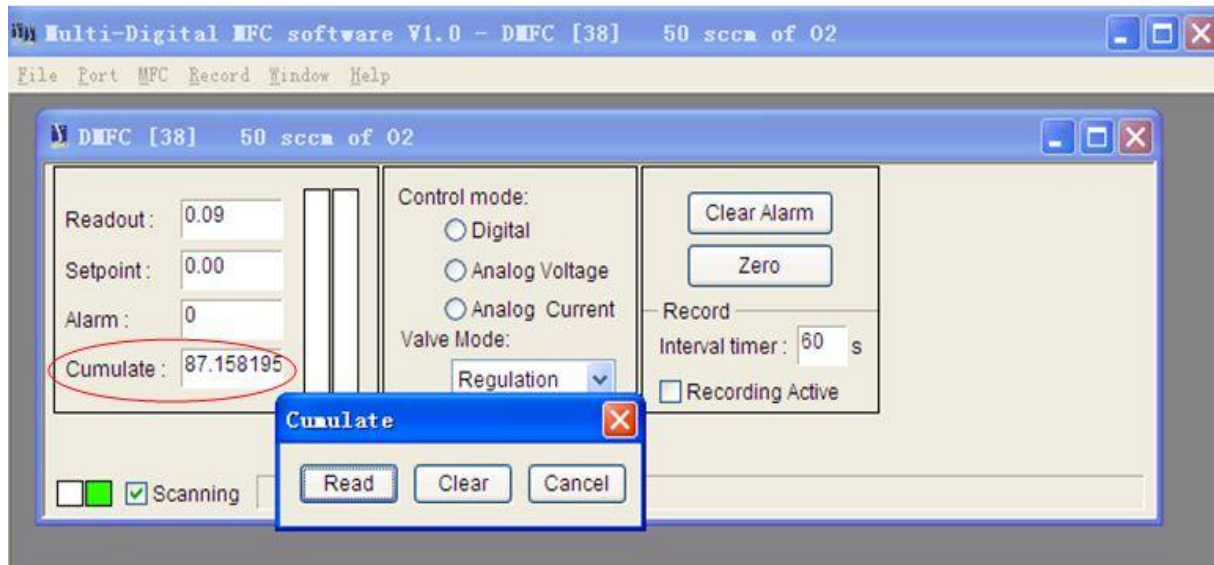
4.2 Enable Alarm Options



Function :

You can enable alarm options by clicking the buttons on or off.

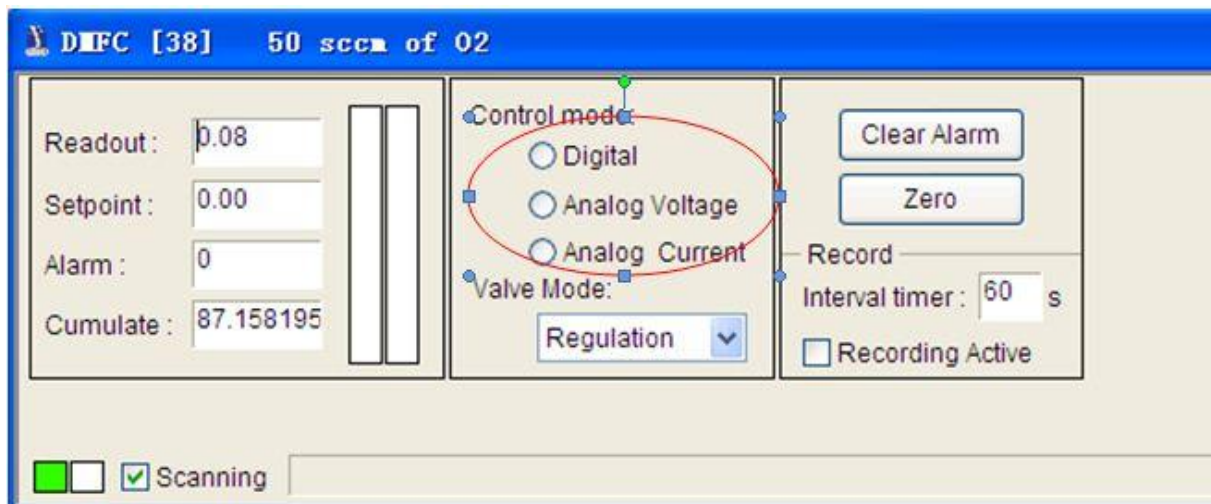
4.3 Total Cumulate Flow



Function :

Read or clear current total cumulate flow.

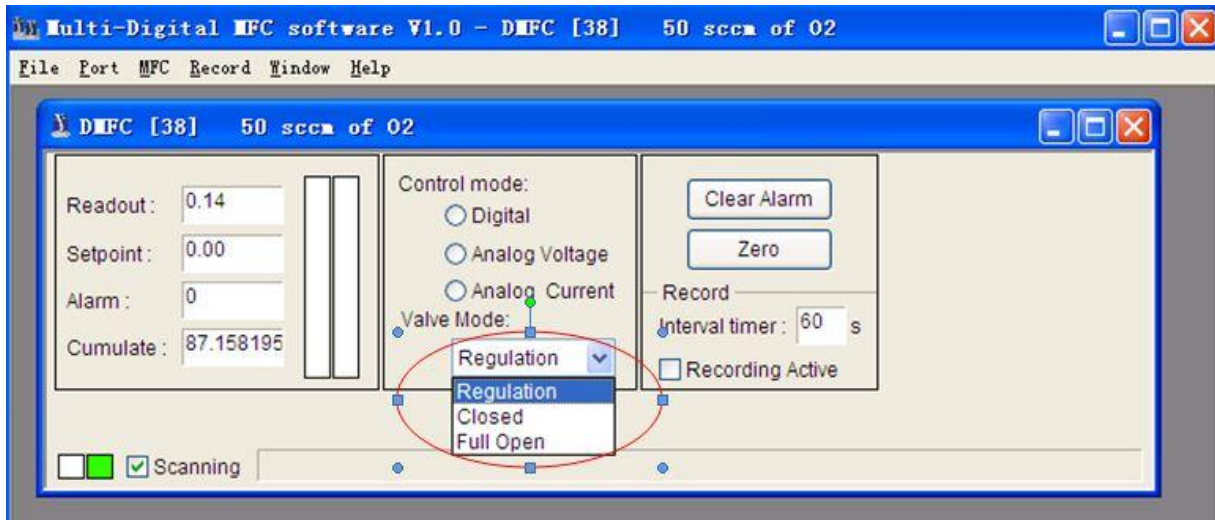
4.4 Set Command Mode



Function :

Change the control mode. (Digital or Analog Voltage or Analog Current)

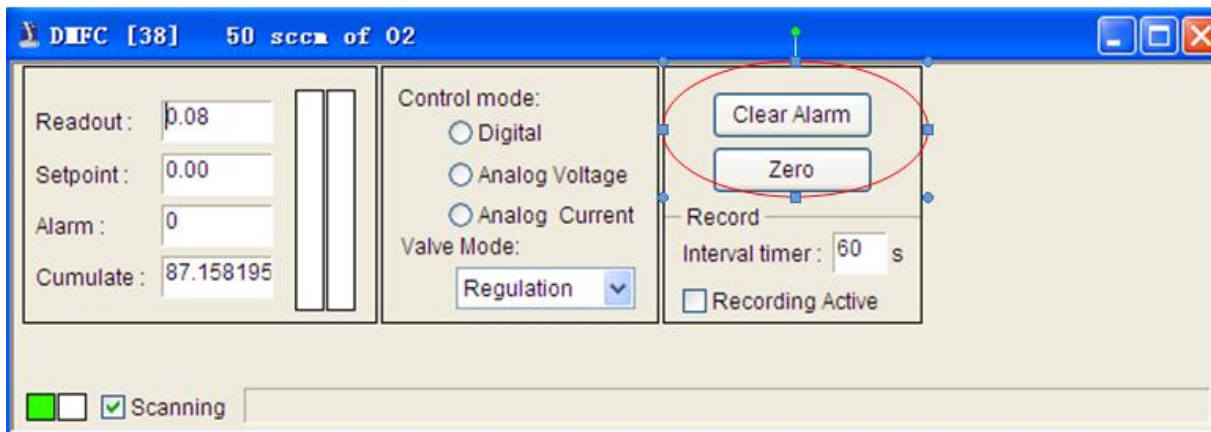
4.5 Set Valve Mode



Function :

Change the valve mode.(Regulation or Closed or Full Open).

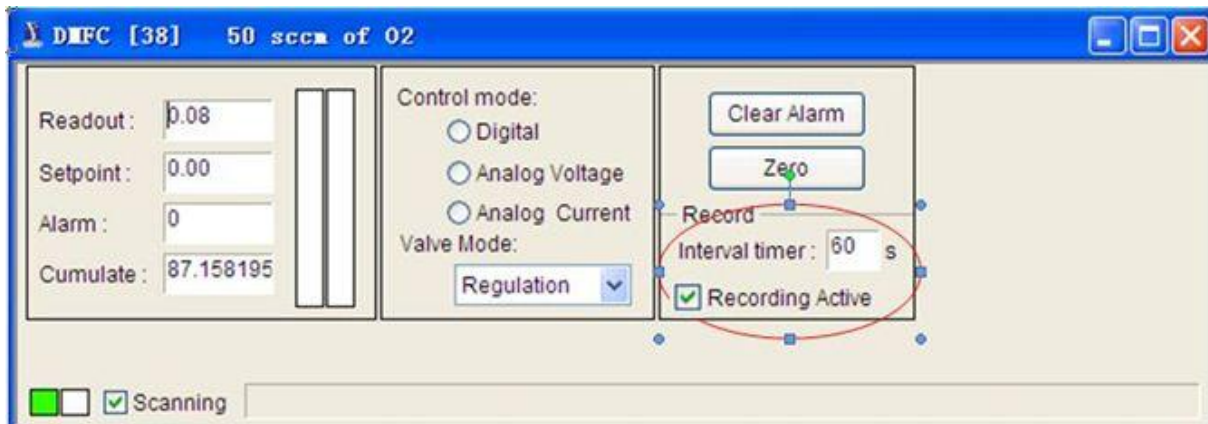
4.6 Zero and Clear Alarm



Function :

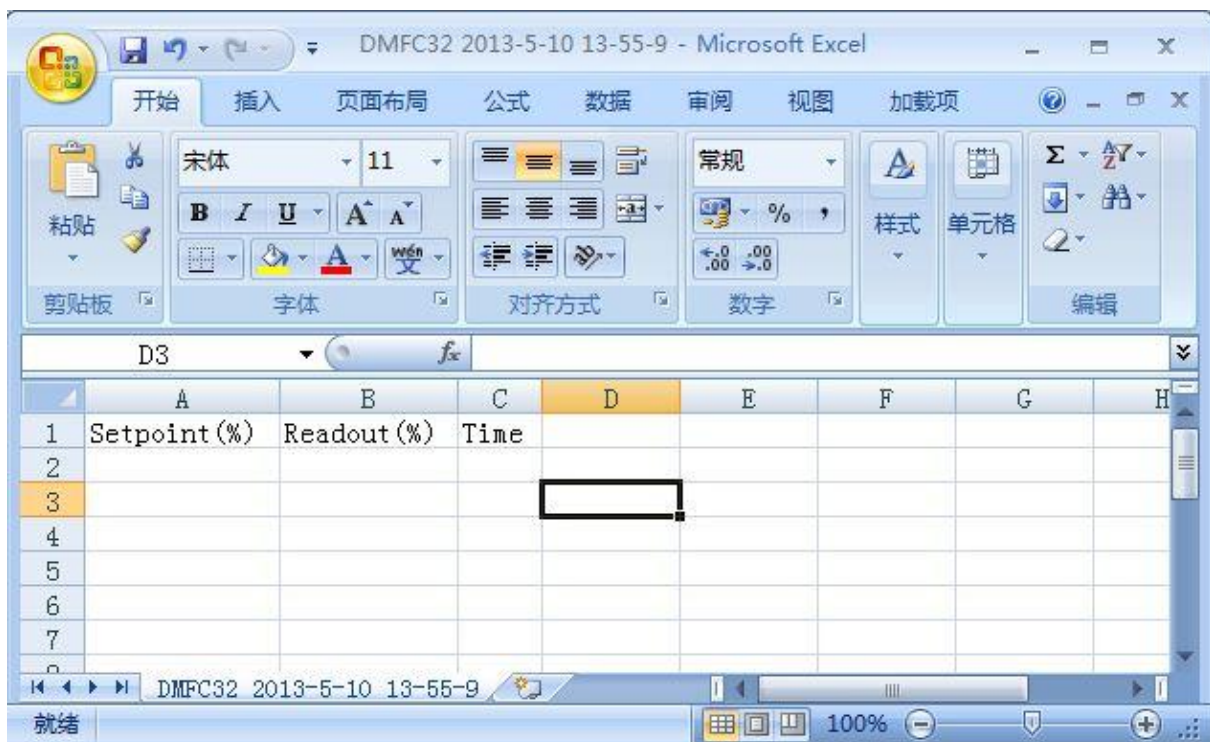
1. Clear Alarm.
2. Zero MFC.

4.7 Data Recording

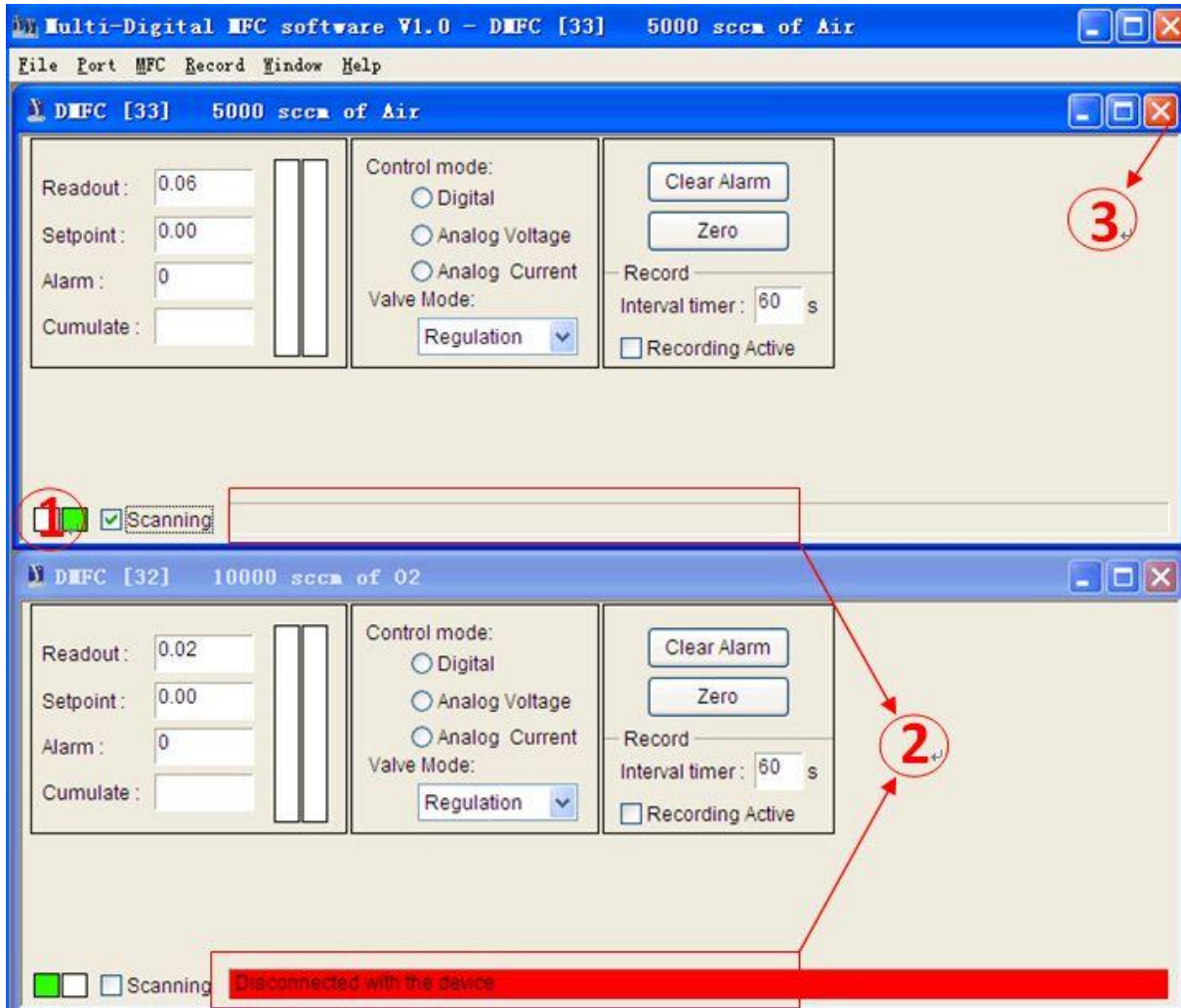


Function :

1. Set the interval for data recording.
2. Click **Recording Active** to enable the data save function, then it will output a Microsoft Office Excel of the data in the file chosen before. You can read the Setpoint, Readout and Time directly.



4.8 Others



Function :

1. Indicator of communication status.
2. Display of current device status.
3. Close the window.