

Installation

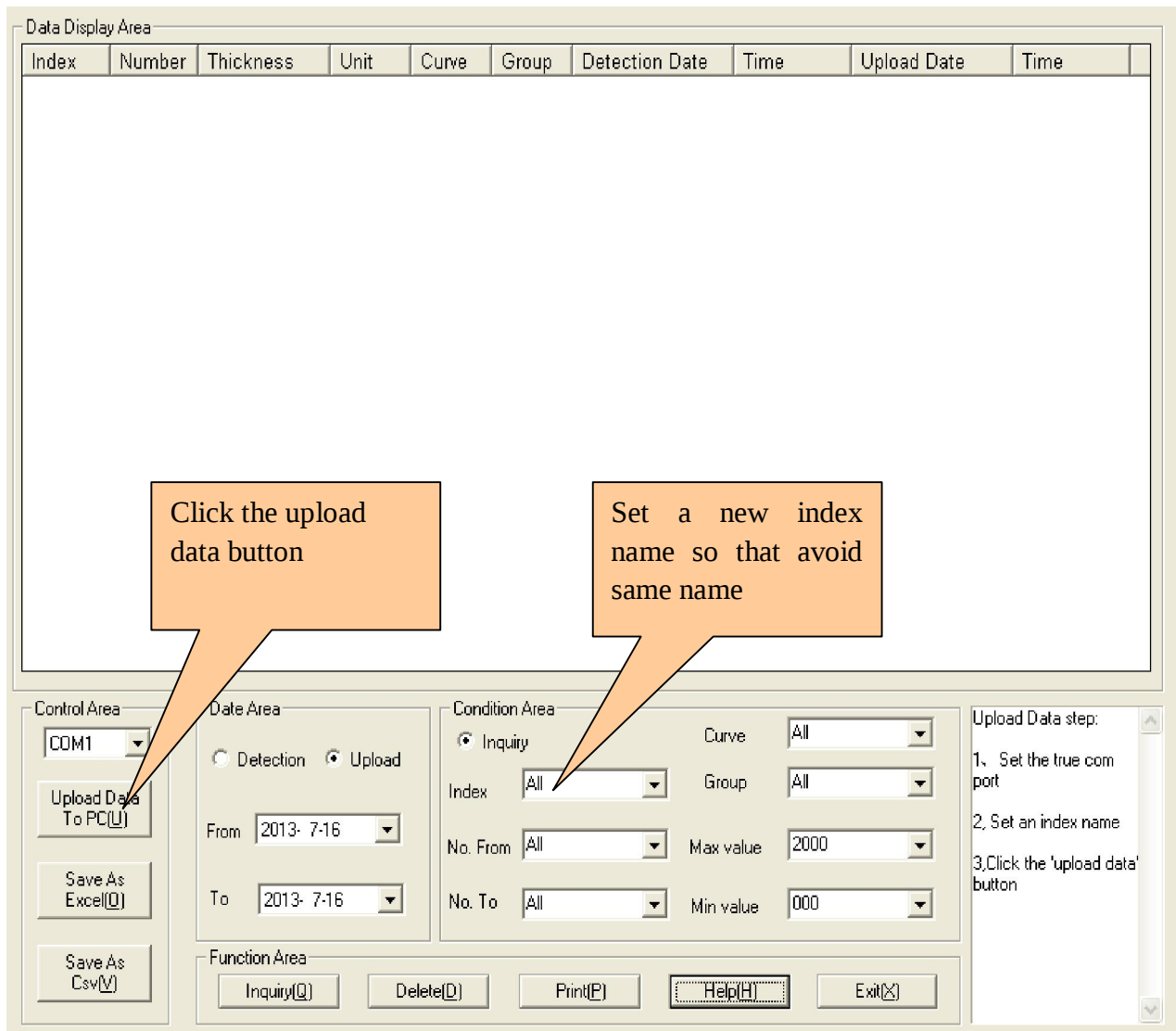
Double-click the “setup.exe” document. Follow the direction of the installation



During the installation, you will be aware of successful information from the serial port control MSCOMM32.OCX. This control is safe and no badness to the system of the computer

Data upload

1. Connect the PC and the Shore hardness by the USB cable.
2. Open the software.
3. Set a new index name so that avoid same name.
4. Click “data upload” option.
5. After seconds the datas will be displayed on the software

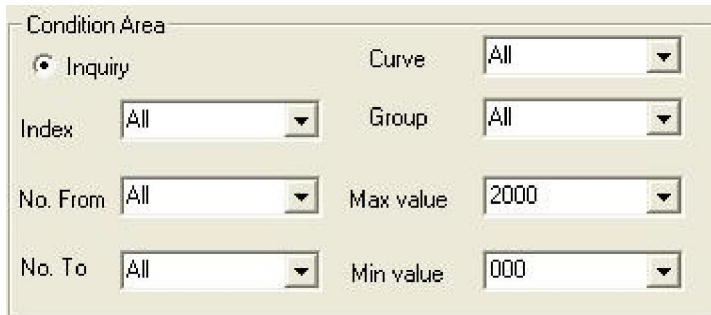


The screenshot displays the software interface with the following components:

- Data Display Area:** A table with columns: Index, Number, Thickness, Unit, Curve, Group, Detection Date, Time, Upload Date, Time.
- Control Area:** Includes a dropdown menu for COM1, and buttons for 'Upload Data To PC(U)', 'Save As Excel(Q)', and 'Save As Csv(V)'.
- Date Area:** Includes radio buttons for 'Detection' and 'Upload', and date range selectors for 'From' and 'To' (both set to 2013- 7-16).
- Condition Area:** Includes a radio button for 'Inquiry', and dropdown menus for 'Index' (set to All), 'Group' (set to All), 'No. From' (set to All), 'No. To' (set to All), 'Max value' (set to 2000), and 'Min value' (set to 000).
- Function Area:** Includes buttons for 'Inquiry(Q)', 'Delete(D)', 'Print(P)', 'Help(H)', and 'Exit(X)'.
- Upload Data step:** A list of instructions: 1. Set the true com port, 2. Set an index name, 3. Click the 'upload data' button.

Inquiry

1. If you only need the search function, please select the element of search according to the element from the panel, and then click “Inquiry”.



The 'Condition Area' dialog box contains the following fields and controls:

- Condition Area** (Section Header)
- ☒ **Inquiry** (Radio button)
- Curve**: All (Dropdown menu)
- Index**: All (Dropdown menu)
- Group**: All (Dropdown menu)
- No. From**: All (Dropdown menu)
- Max value**: 2000 (Dropdown menu)
- No. To**: All (Dropdown menu)
- Min value**: 000 (Dropdown menu)

Index name: set the inquiry index name

No From No To: set the inquiry number

Curve: set the curve value

Group: set the group data

Max value: set the maximum value upper

Min value: set the minimum value lower

2. The date element one is testing date another one is upload date, so you can search according to these element to find out the record which from the start date to the deadline.



The 'Date Area' dialog box contains the following fields and controls:

- Date Area** (Section Header)
- ☐ **Detection** (Radio button)
- ☒ **Upload** (Radio button)
- From**: 2009-12-29 (Text field)
- To**: 2009-12-29 (Text field)

3. Index name which is named every time when you upload data to the PC, so that you can search them later.
4. The start No and deadline No whose element to be a range of the search, it both can be used for search.
5. The upper limited/lowest limited tolerance whose element to be a range of hardness value you choose when you search , it both can be used in search .

Ø Search Example

Date of testing: from 2007/09/01 to 2007/10/01; Index name “ index1”; the range of serials No: from the 5 times to 15 times; Tolerance range at 500 to 600; the testing take all element above to be set down and then click “inquiry” the result will show.

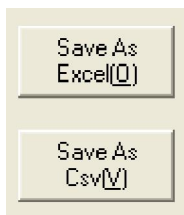
Delete the memory

If you need to delete the memory, please use the left key of mouse click the memory of the display area meanwhile keep the “Shift” key no relaxation and then click the last memory , so all of the memory you want to delete are selected ,then click “Delete”, that what you selected are all delete.

Printing

When the display district shows search records, then you can use the print function.

Data export



When the display district shows out the search records, You can export and save the Data information to Excel (2003) document by click the “Save As Excel”, also you can export the data to CSV file by click the “Save As Csv”.

Exit System

After operation finished and decides to close system, click “Exit” button, or click exit button on the top right corner.

n Answer common questions

I Why no response after double clicks system shortcut?

Answer: Possibly operation system platform has not registered serial port telecommunication control MSComm.

Resolution 1(Recommend):

Copy mscomm32.ocx file in the installation directory to directory C:\WINDOWS\system32\, then click “start”->operate->input “regsver32 C:\WINDOWS\system32\mscomm32.ocx” and run.

Resolution 2: after back-up data, uninstall this software and then re-install this software.

I Why note COM port can't be used after software starts?

Answer: Because software starting will check COM port can be used or not, if COM port working well will no note, software runs well, if has note means software only can go other operations except upload data.

Resolution: check PC has COM port or not, or COM port works well or not.