

OPM-50 Application System

Software User's Manual

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1. Introduction

Thank you for choosing Shineway Technologies.

OPM-50 Application System software is a special application developed for OPM-50. It allows the previously stored measurement records in the instrument to be uploaded to a PC to be displayed, saved or printed. Users are provided with convenient data management function, including editing, browsing, saving, backup, printing output and so on.

2. Software installation

2.1 Computer system requirement

Requirements for operating system and hardware:

- Pentium III or Pentium 4 PC
- Operating System: Microsoft Windows 98/2000/xp
- Internal memory: 64MB or above
- Hard disk: 40 MB or above (Space available)
- CD-ROM driver: 8 speed or above
- USB port

2.2 Software installation

- 1) Start Windows
- 2) Exit all other running applications, if windows is currently running
- 3) Insert the installation disk into CD-ROM, choose to enter into the installing file
- 4) Double click setup.exe  to install
- 5) Follow the instructions of installation wizard step by step till installation completed

Note: the uploaded data is to use virtual serial port transmission mode, virtual serial port driver must be installed before the upload data. The concrete issues can refer to the “driver installation guide”.

Tool bar is right below menu bar. Use mouse pointer to highlight menu bar and operation reference will pop up. To display tool bar or not is controllable. Click “show toolbar” of menu “view” and tool bar display will switch between on and off. Tool bar is actually shortcut keys to complex operation. All the functions on tool bar can be realized through menu operation, however in a more complicated way. The tool bar operation is much easier and more convenient.

3.2.1 File

Menu “File” is as in Figure 3.2. Functions can be realized under “file” menu: upload, open, save, save as, print, print preview, Add Note (MultiRecord), Clear and Exit.

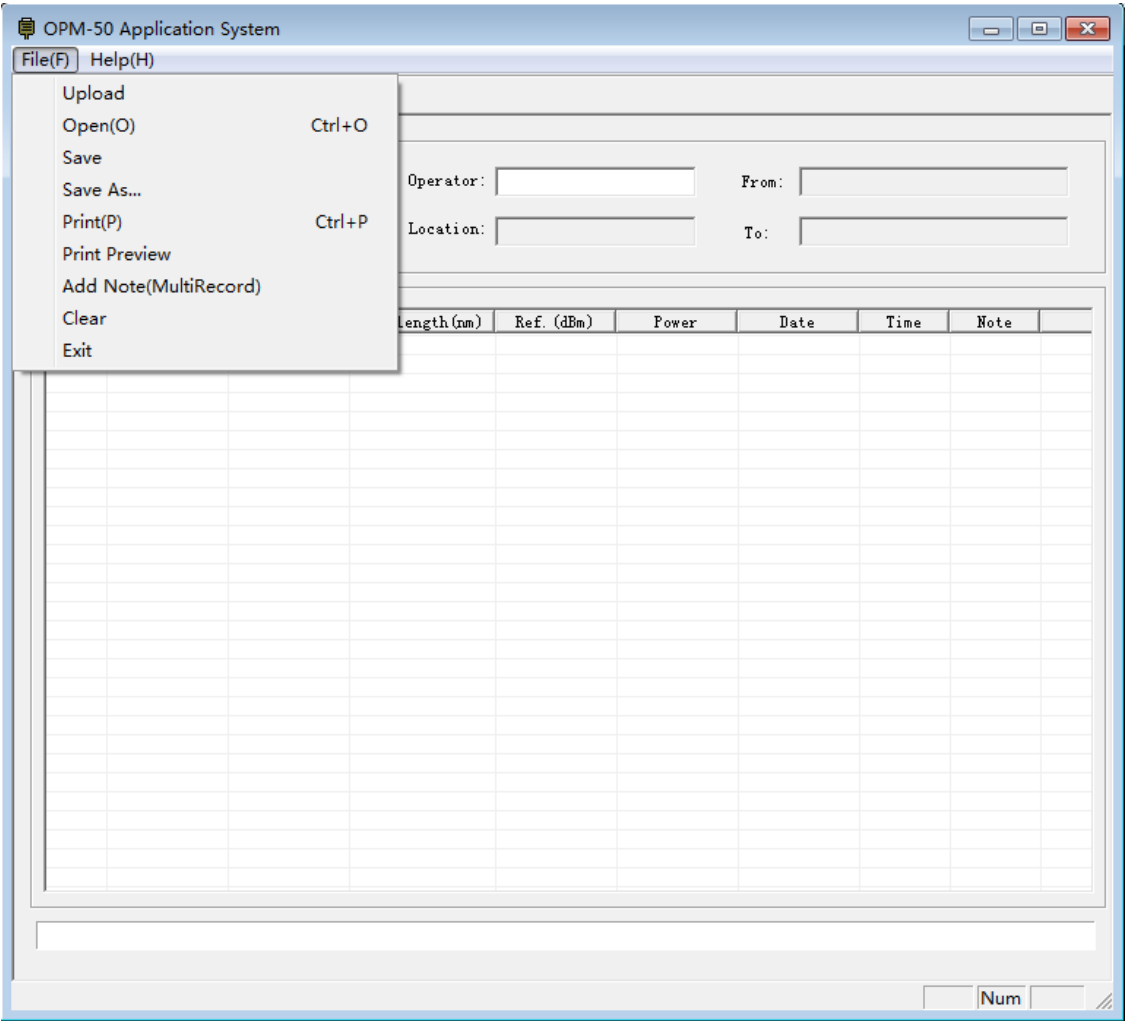


Figure 3.2

3.2.2 Help

“Help” menu is as in Figure 3.3. This menu displays the version of the software.

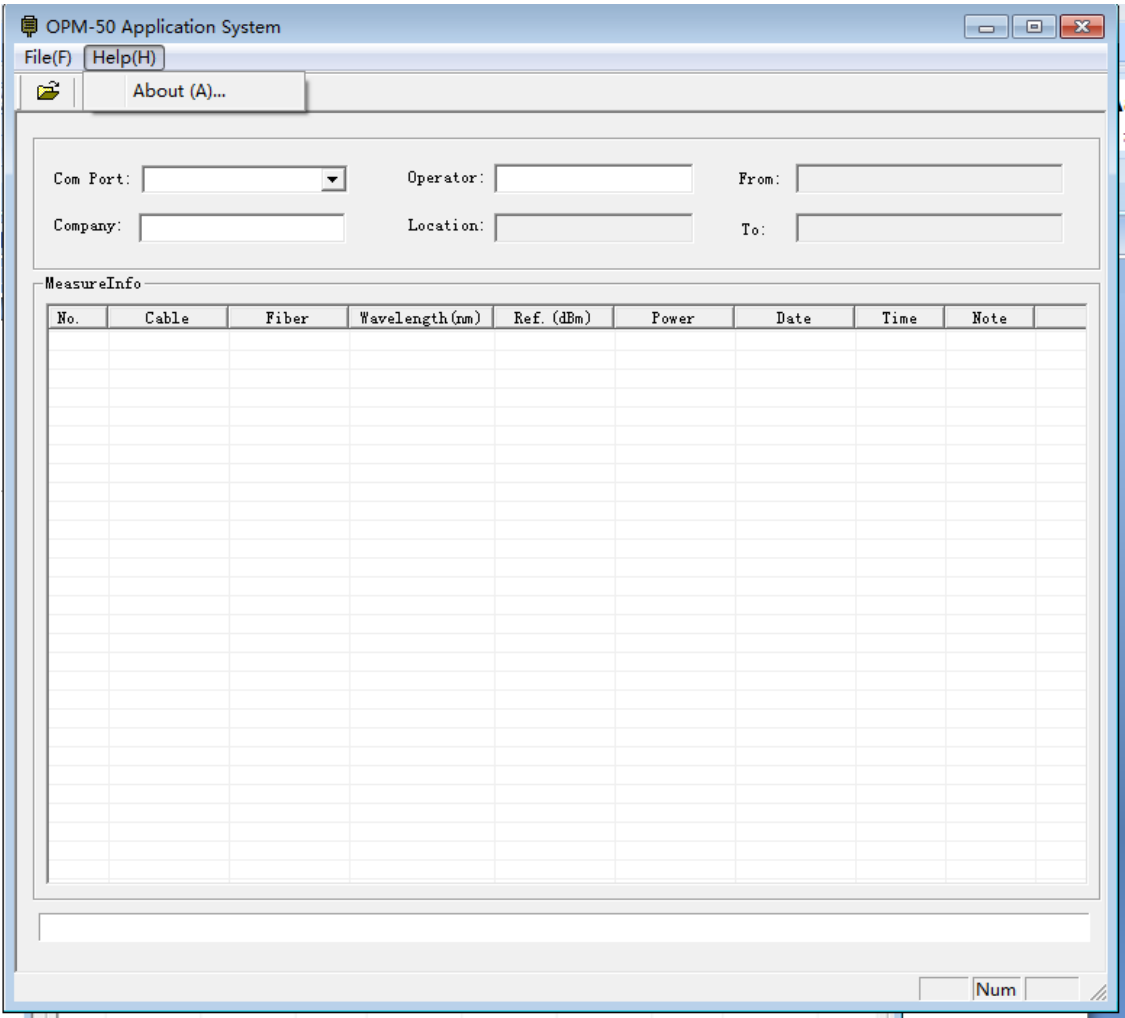


Figure 3.3

4. Software functions

4.1 Upload data

Saved traces can be uploaded to PC via USB cable:

- 1 Connect PC and OPM-50 with USB interface cable;
- 2 Power on OPM-50;
- 3 Select series port: Click “Com Port”, Will list the serial correlation in the drop-down menu, select the serial port, shows as Figure 4.1.1;

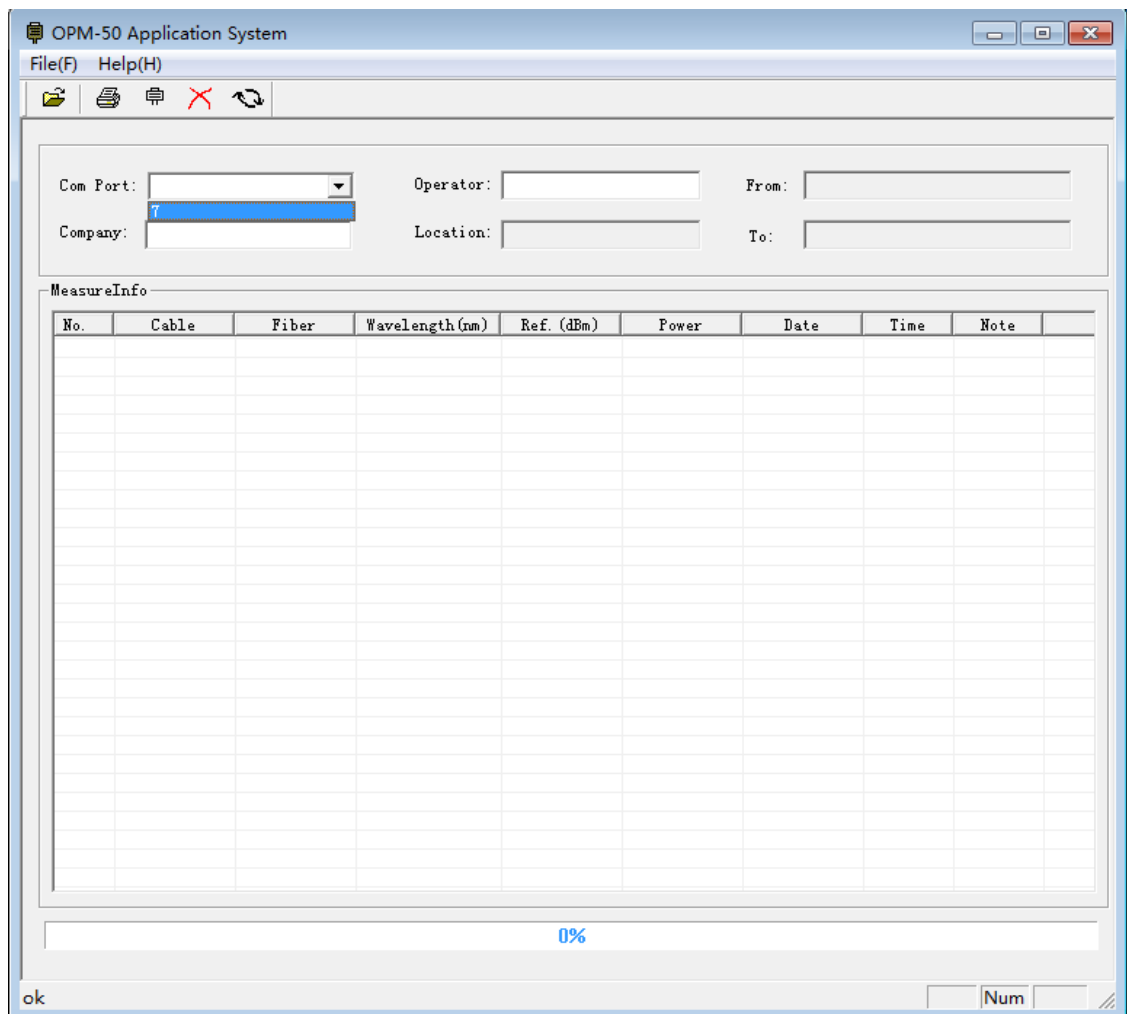


Figure 4.1.1

- 4 Upload data: Select “upload” under “File” menu, or click  icon, then data start to upload. There will be display the percentage of the upload progress.

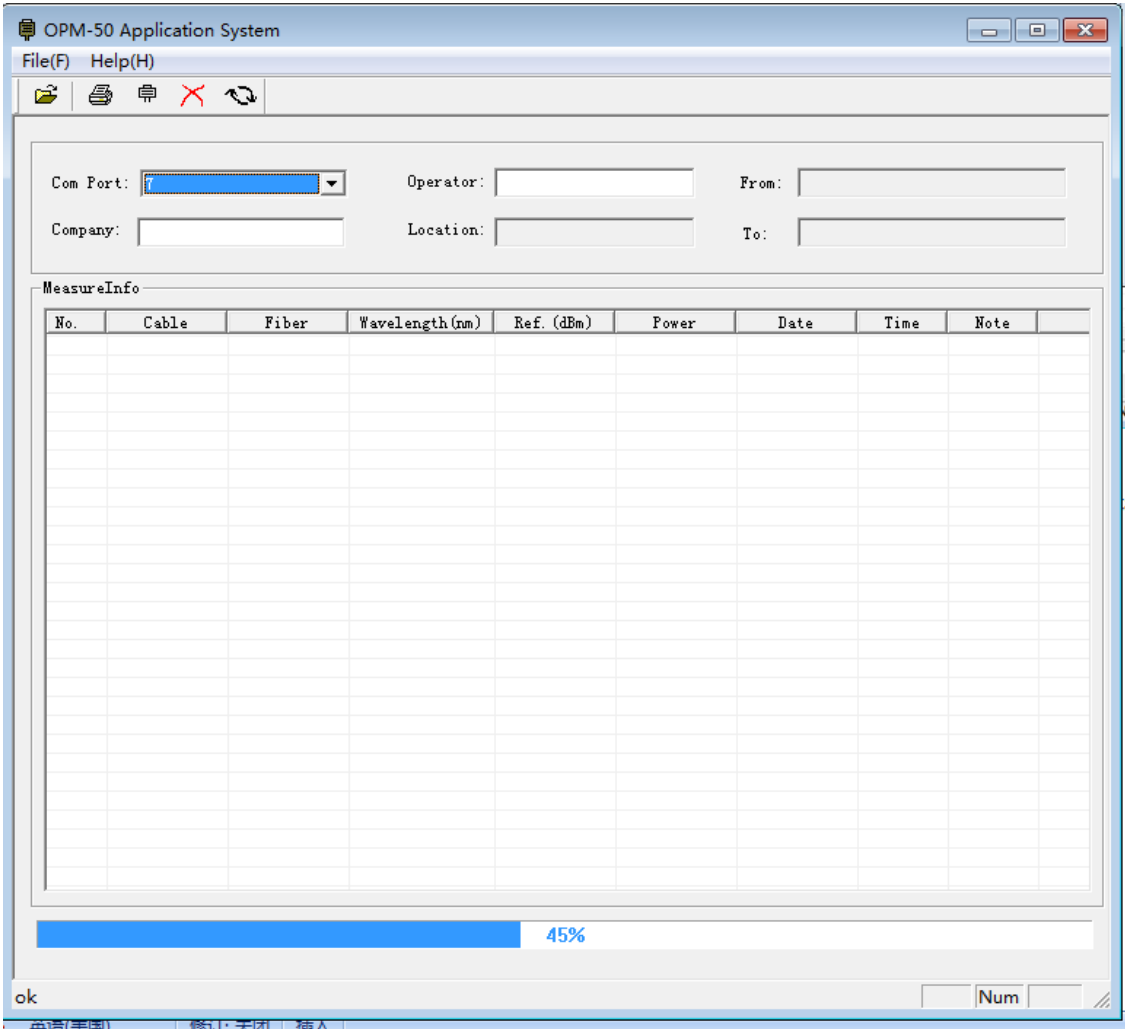


Figure 4.1.2

5 After finished uploading, shows as Figure 4.1.3;

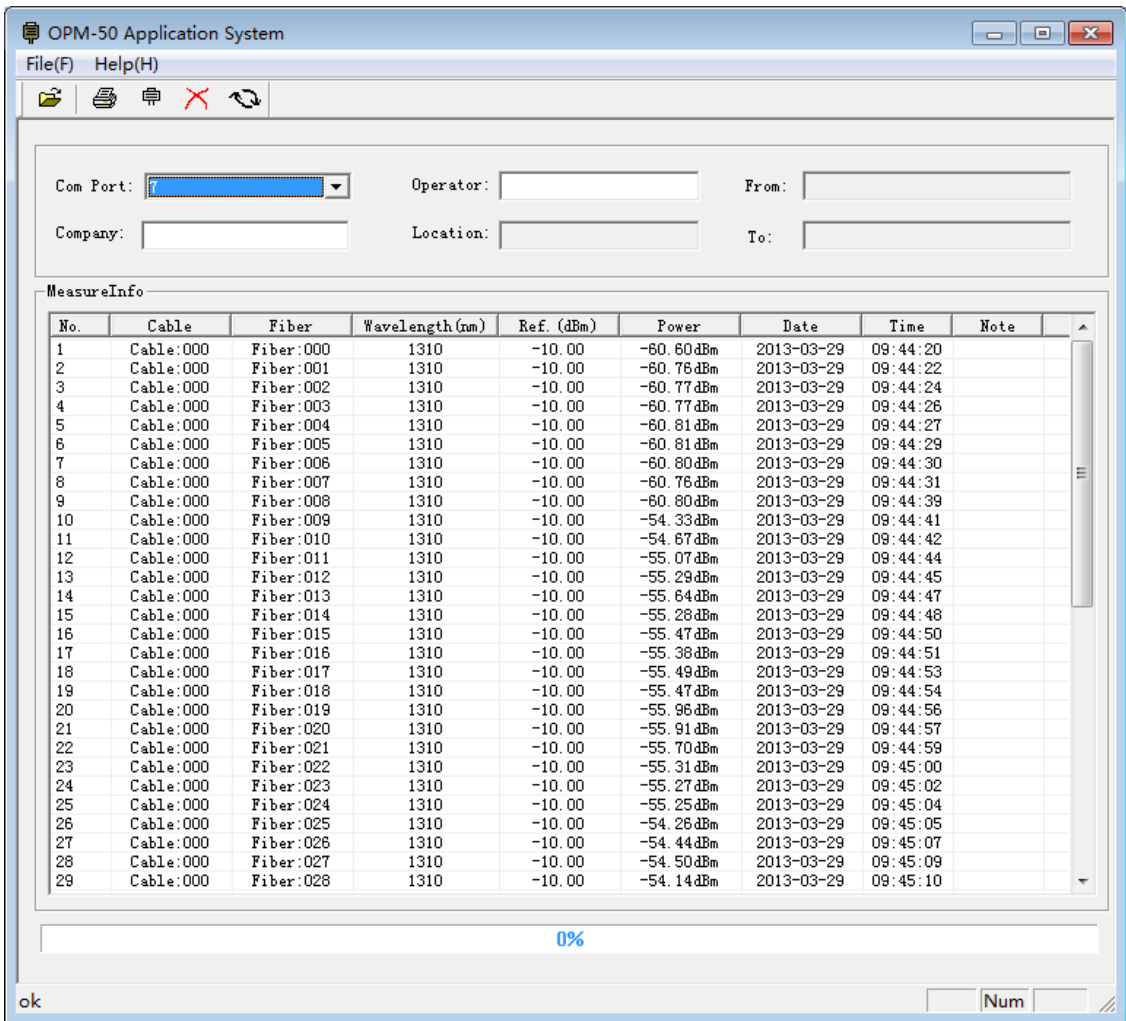


Figure 4.1.3

- 6 Click “Save” under “File”, will save the data to PC, and file format is .opm, shows as Figure 4.1.4; at the same time you can click “Save as...” then save the file format is TXT.

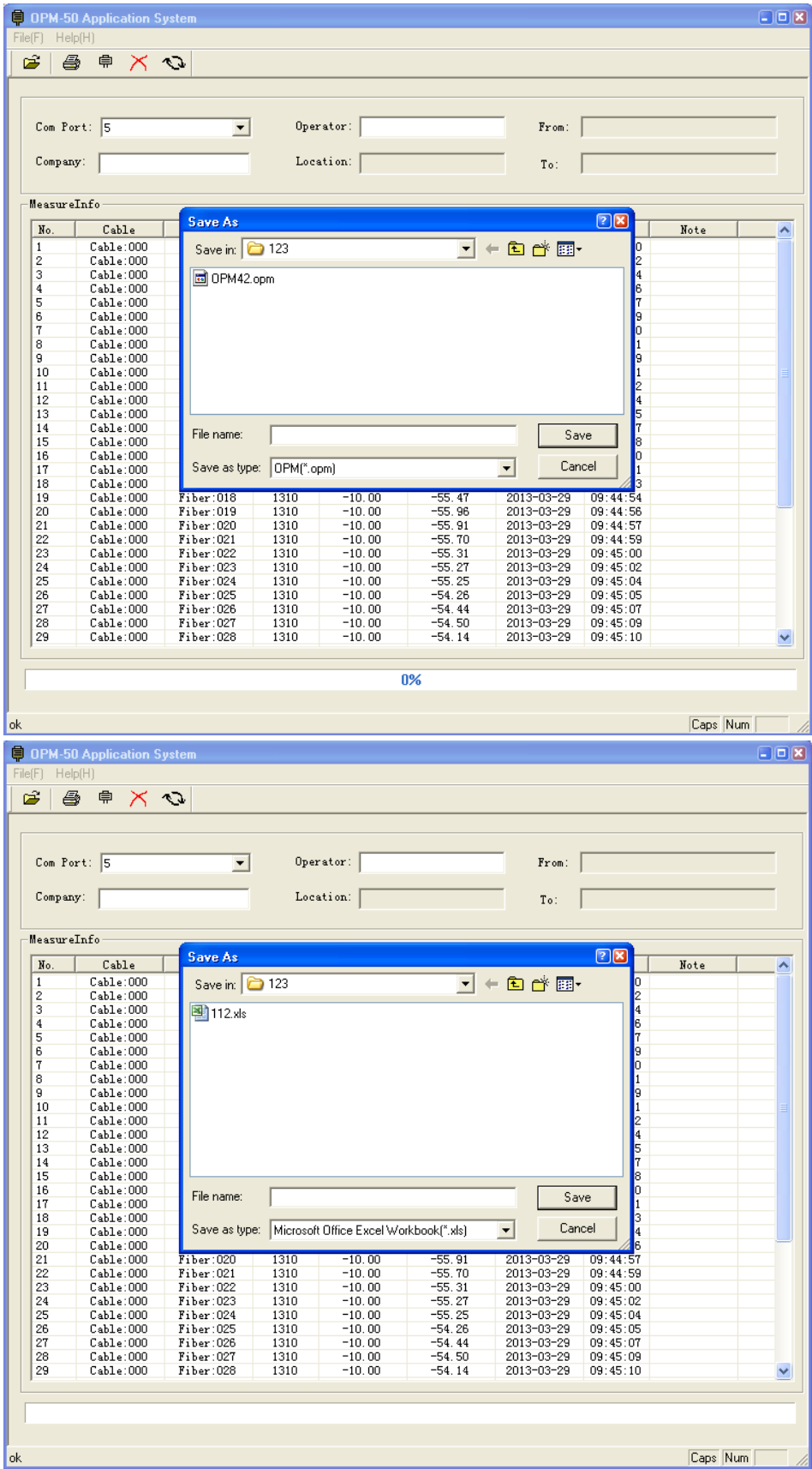


Figure4.1.4

4.2 Open and Save File

4.2.1 Open File

Select “Open” under “File” or click the  icon on the toolbar:

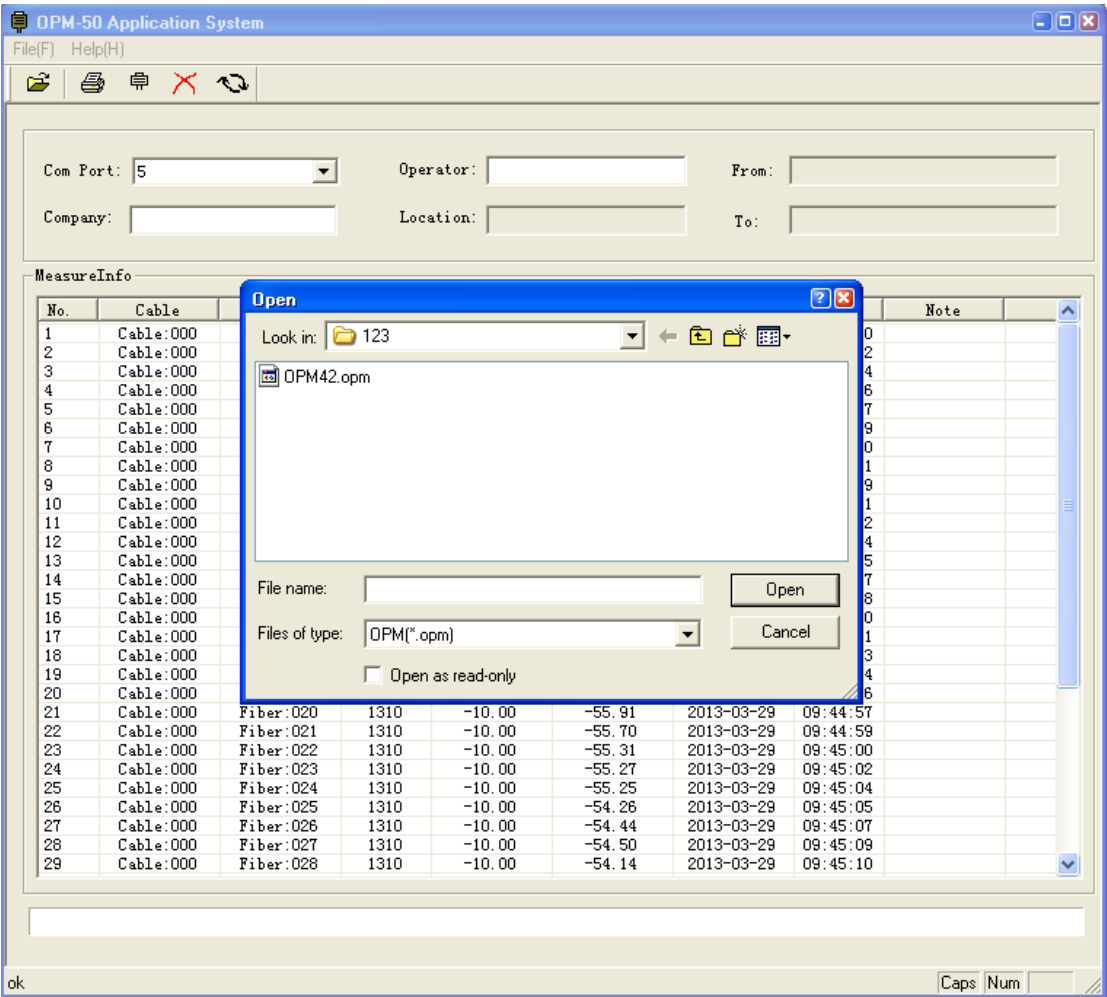


Figure 4.2

4.2.2 Save File

Please refer to the sixth item of 4.1.

4.3 Printing

4.3.1 Printing preview

Users can preview before printing to check if printing is good. Select “Print Preview” under “file” menu, as shown in Figure 4.3.1.

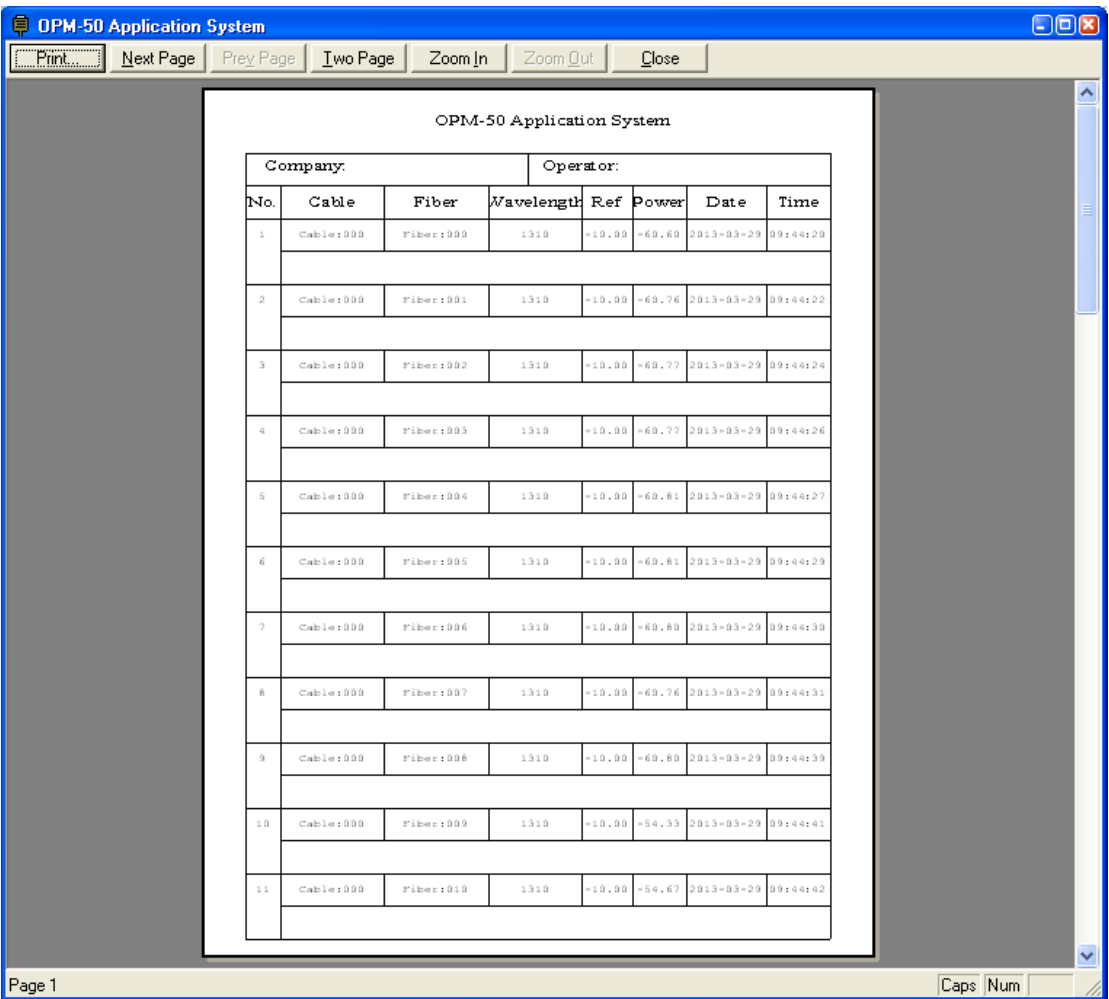


Figure4.3.1

4.3.2 Printing

Select “print” under “file” menu or click  on tool bar, as shown in Figure 4.3.2.

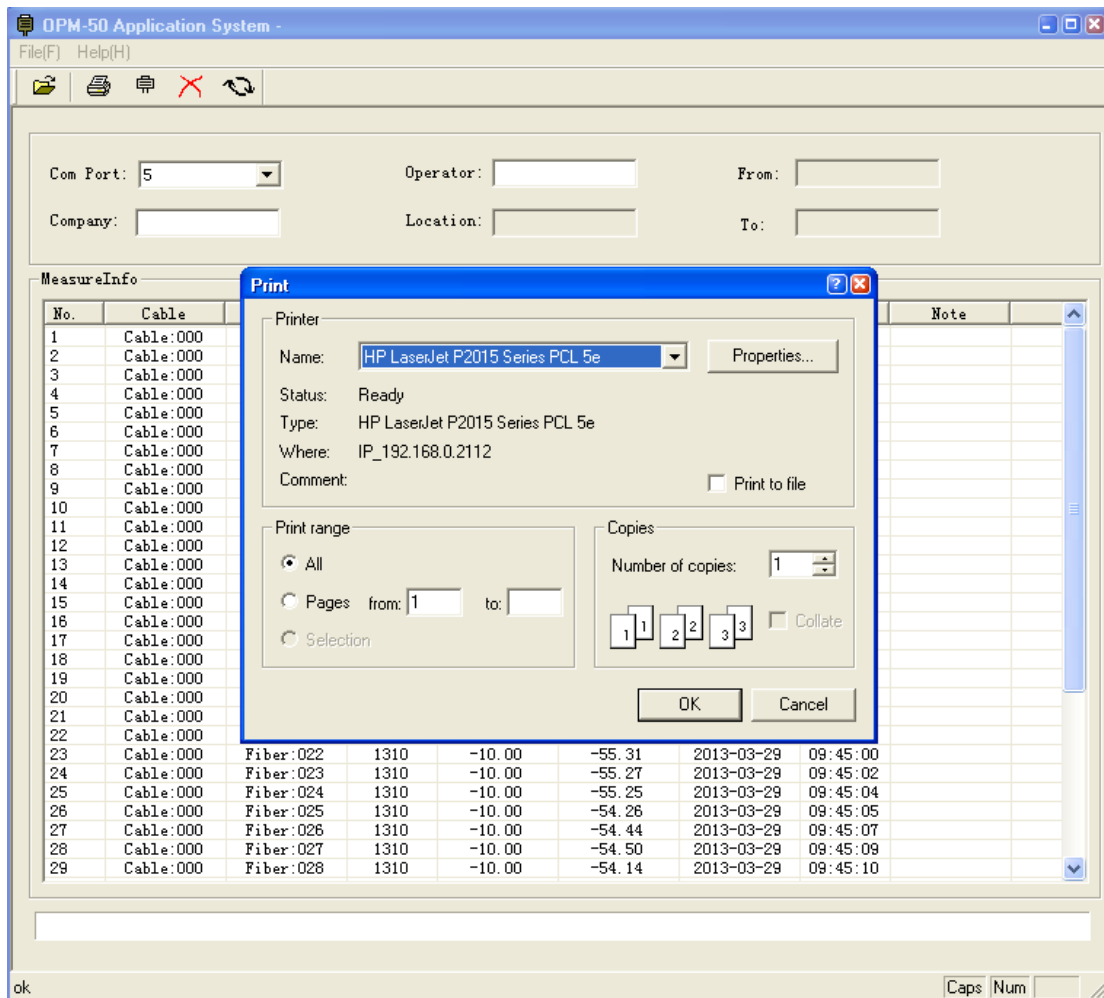


Figure 4.3.2

4.4. Add Note

OPM-50 Application System has add note function. According to different demand, users can edit information of one or several records in one time. Add note for one record :double click the record and popup dialog box shows as Figure 4.4.1, according to requirement to add or edit note, then click “OK”; Add note for several records: press “Ctrl” or “Shift” key then single click records you want to, Select “Add Note (MultiRecord)” under “file” menu, as in Figure 4.4.2, then operation is same as the above.

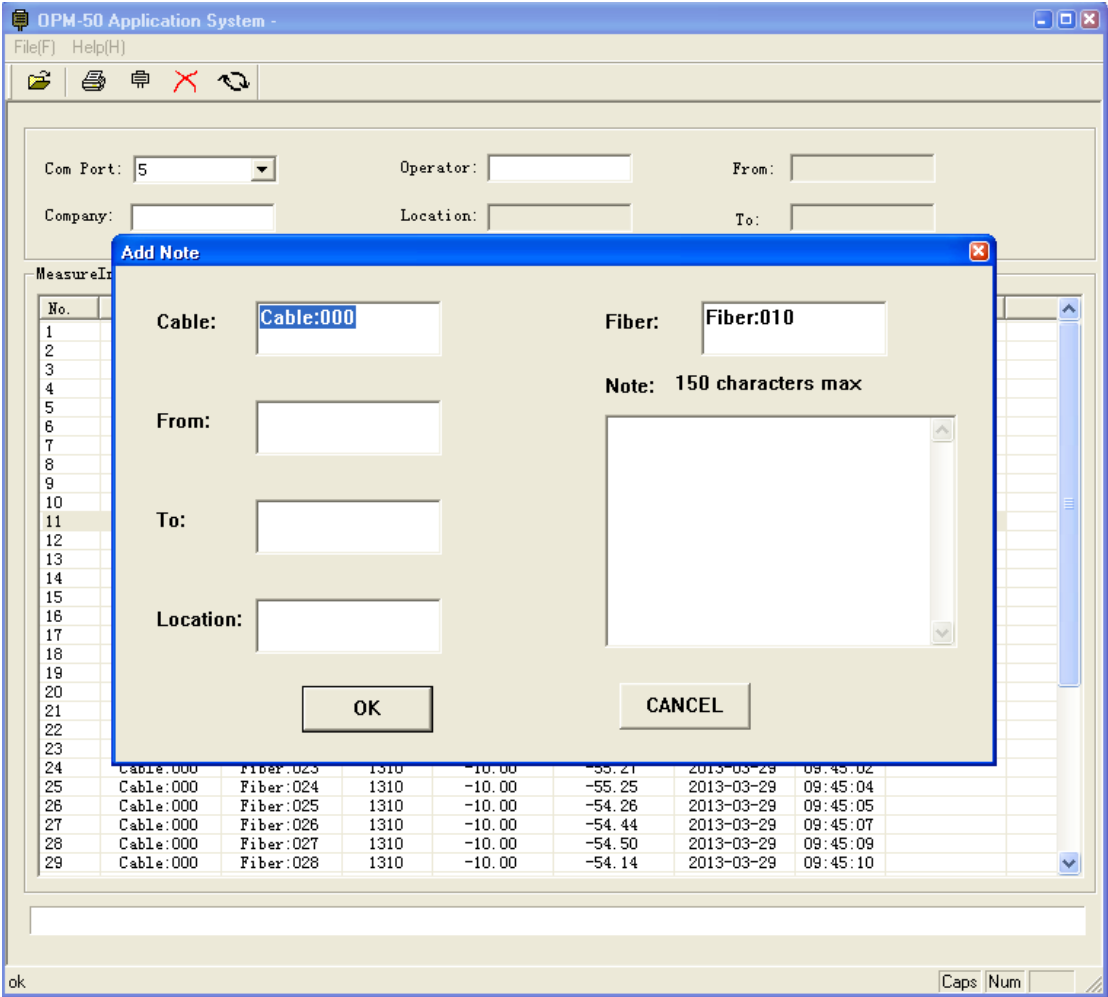


Figure 4.4.1

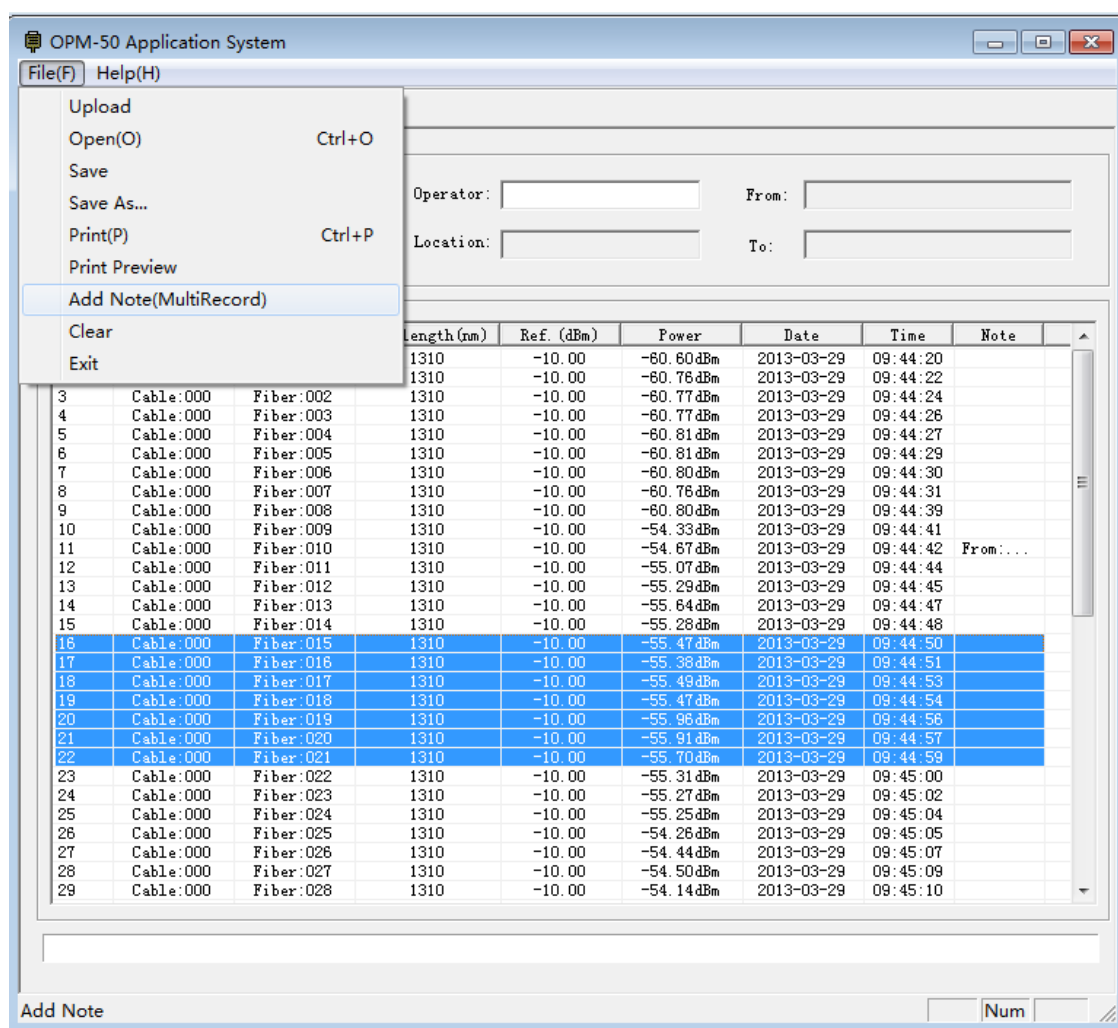


Figure 4.4.2

4.5 Delete Records

Press “Ctrl” or “Shift” key then single click records you want to delete, then click  icon on the toolbar, popup a dialog box, select “OK”.

4.6 Clear Records

Click  icon on the toolbar, it will clear all of records in MeasureINfo windows.

4.7 Exit Software

Select “Exit” under “File” menu, it will exit the OPM-50 Application System.

5. Contacting Customer Service

Please check our web site (**www.shinewaytech.com**) for updates to this manual and additional application information. If you need technical or sales support, please contact local **Shineway Technologies** Customer Service.

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