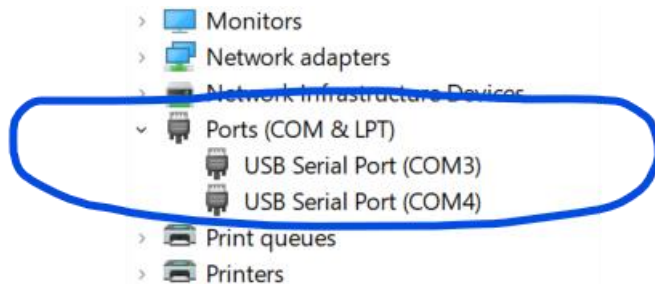


Easy Steps to Download Data from Your Swoffer Meter

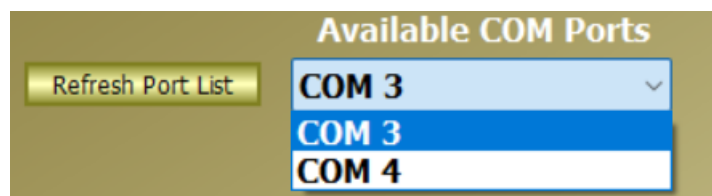
1. Connect your model 3000 to your computer by USB. Press the model 3000 power key (PWR).
2. If necessary, check the device manager on your computer to see which COM port was activated. Click on the windows start button and type Device Manager, choose that from the list. Expand the item "Ports (COM & LPT)".



3. Start the Swoffer Data Transfer Utility (Swoffer Transfer 5.0.exe)
4. Select a location and file: click on the 'Choose Path and File' button, choose your folder, type in the name of your file, and click ok. The path and name will appear in the text box. You may edit this manually by clicking in the text box. It is suggested that you use the .csv extension for the file name; Excel can automatically load "comma separated value" files.



5. Select an available COM port from the pull-down box. Model 3000 instruments loaded with Version 4.1 software or before still need an external USB to Serial Device connected so it can communicate with a PC. Instruments with Version 5.0 and above connect to the PC directly through the USB port. If no COM ports are listed, then refer to the device manager to see if any ports are listed there; if not, you may need to install a driver for your USB to Serial device. If you get the driver loaded and the device manager is showing the serial port, you can press the 'Refresh Port List' button in the software to reload available ports.



6. The status bar at the bottom of the window will show you if it is ready to start receiving data.
7. Make sure to select Append or Overwrite depending on if you want to add the new incoming transect to the last file or overwrite the last file.
8. Press the 'Start' button on the Swoffer Transfer utility. The status bar will show that it is waiting for data.
9. On the instrument, press the 'Shift' button then the 'Transfer' button (also the '7' button). Select the cross section number you want to download and press the 'Enter' button. You should see the data scrolling into the 'Incoming data' window and the status bar showing that data is coming in through the serial port. Press 'ESC' on the meter to get back to the main prompt. Repeat this step for each cross section you want to download. You can also select cross section 101 to download all the transects with saved data.
10. Press the 'Stop' button on the Swoffer Transfer Utility to save the file and close the COM port.

Written by Jeffrey N Mahoney for Swoffer Inc. This can be used by anyone with a Swoffer Meter free of charge. No rights are given to use this application for any other purpose without written permission from Jeffrey Mahoney. No rights are given to disassemble the code and use it for any other purpose.