Tutorial: Episodic data capture:
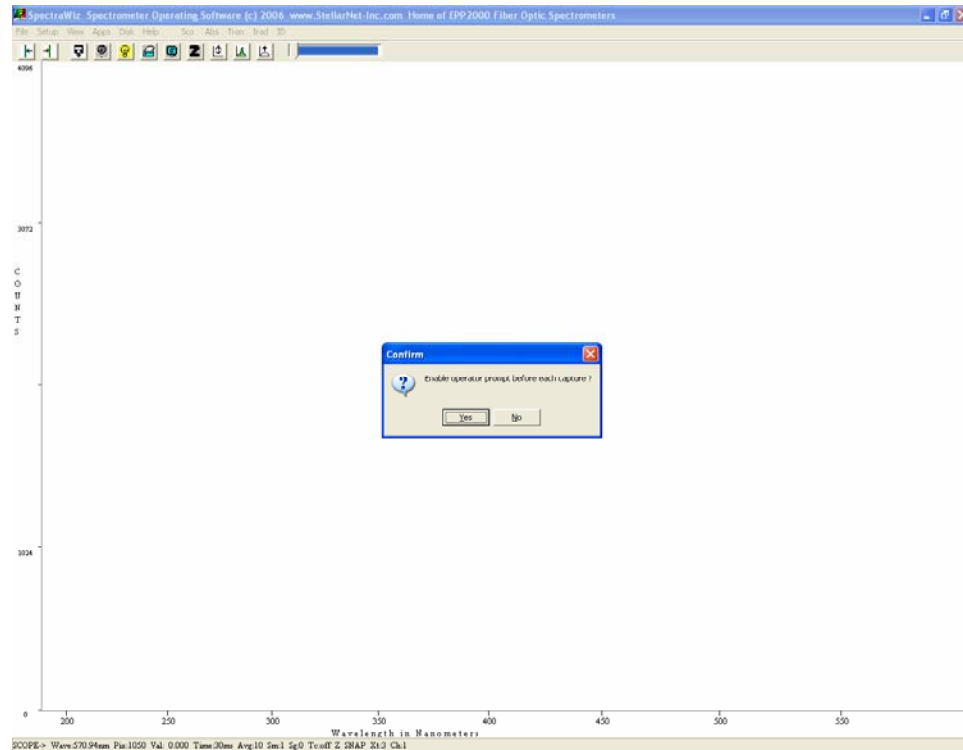
1)   Go to File ➔ Episodic data capture.

2)   A window will appear asking for how many episodes to capture (or enter 1 for continuous capture; stopping the capture is defined by user) and press OK.

3)   Enter the number of minutes to be delayed between episodes and press OK.

4)   Enter the number of milliseconds between episodes and press OK.

5)   If 0 is entered for both the minute and the millisecond delay, the software will ask the user to be prompted for each capture.
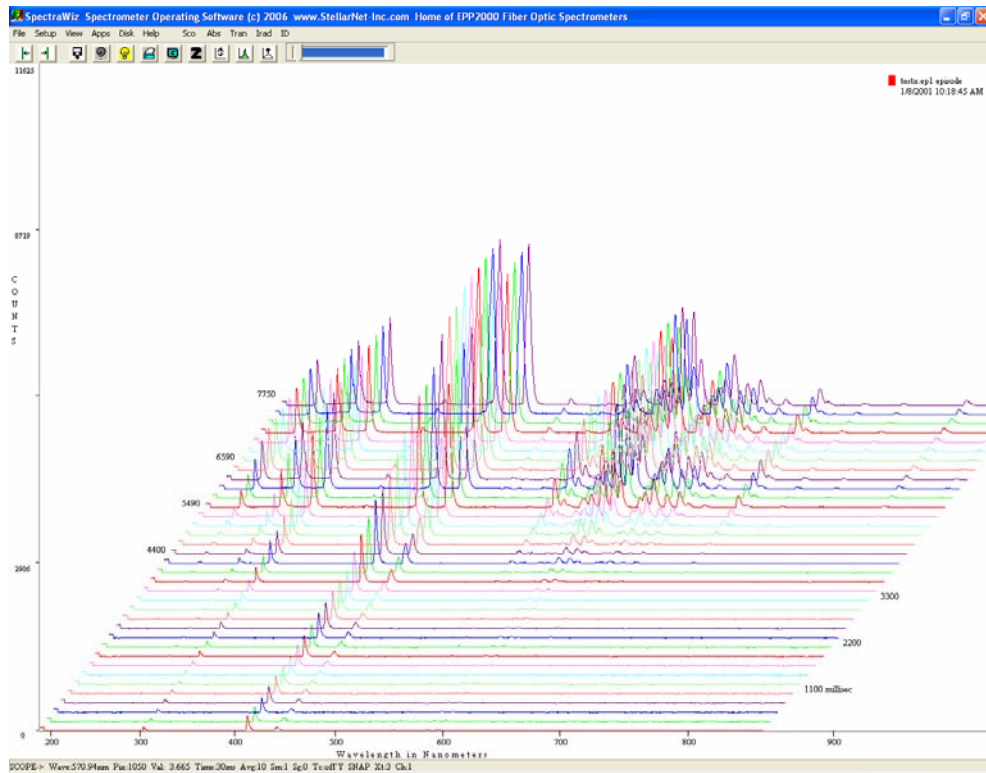
6)   Enter a file name to save the episodic data set after the capture.
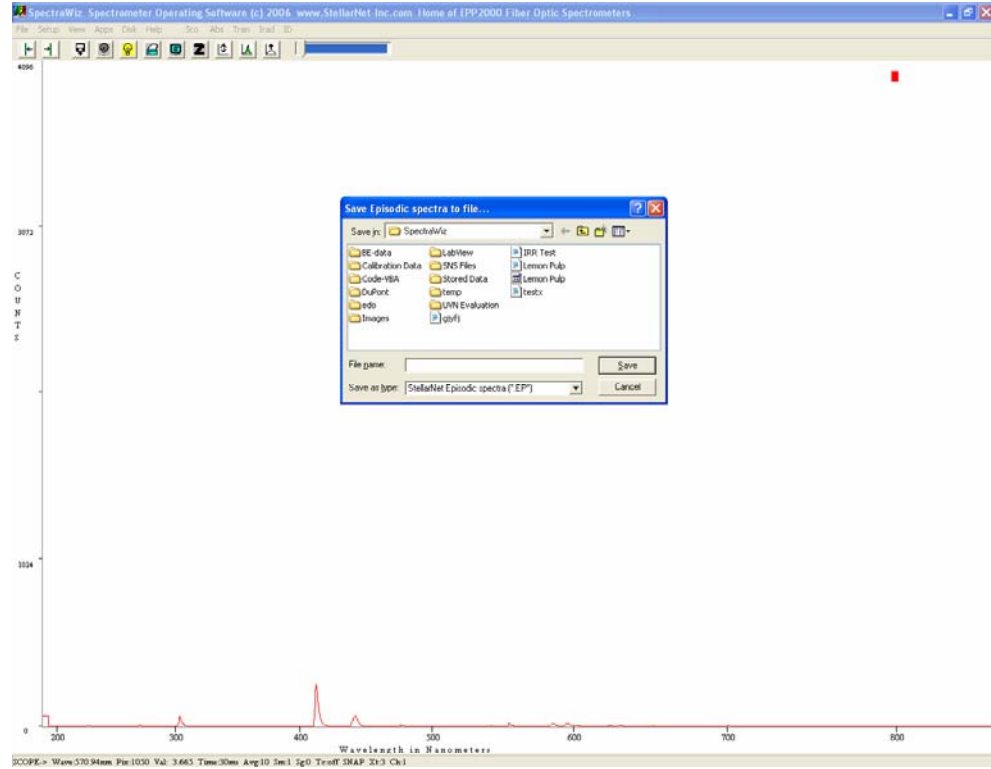

7)   Press YES to start capture.
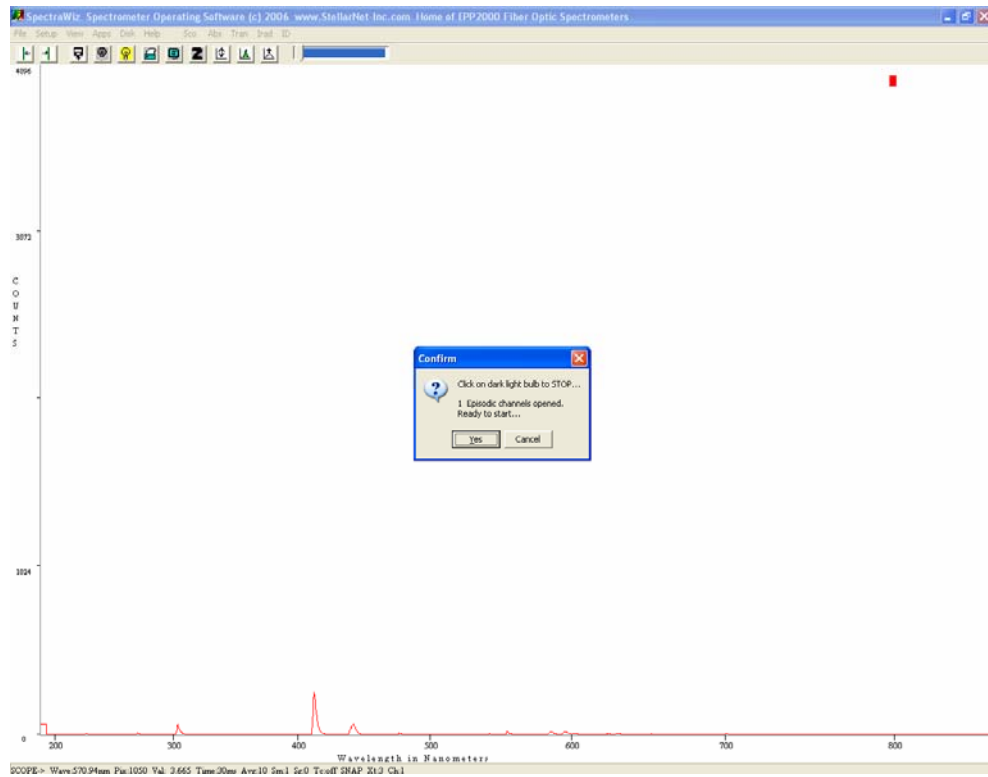
8) The software will automatically stop the capture after the number of episodes entered. If continuous capture was selected, press the Black light bulb icon to stop the capture.

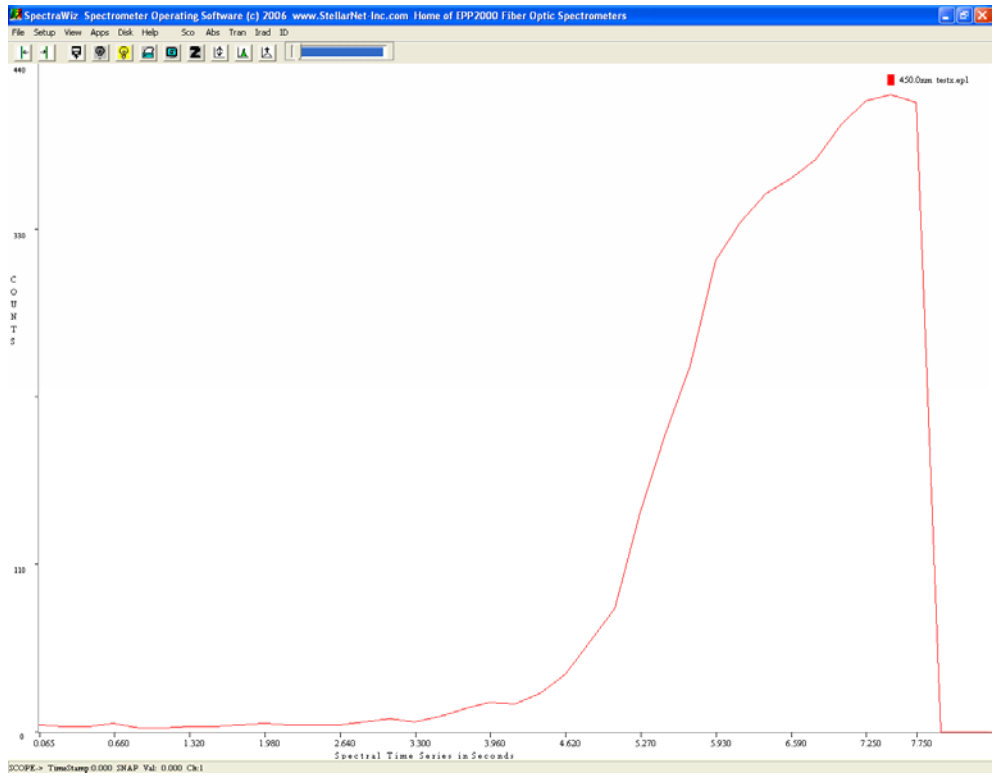9) After completion the spectrum will be displayed and the file saved.

Episodic Data Capture: Display Time vs. Wavelength:

1) Open a stored episodic data capture file by going to File ➔ Open ➔ Of File

   Type: Episodic Spectra (*.EP*).
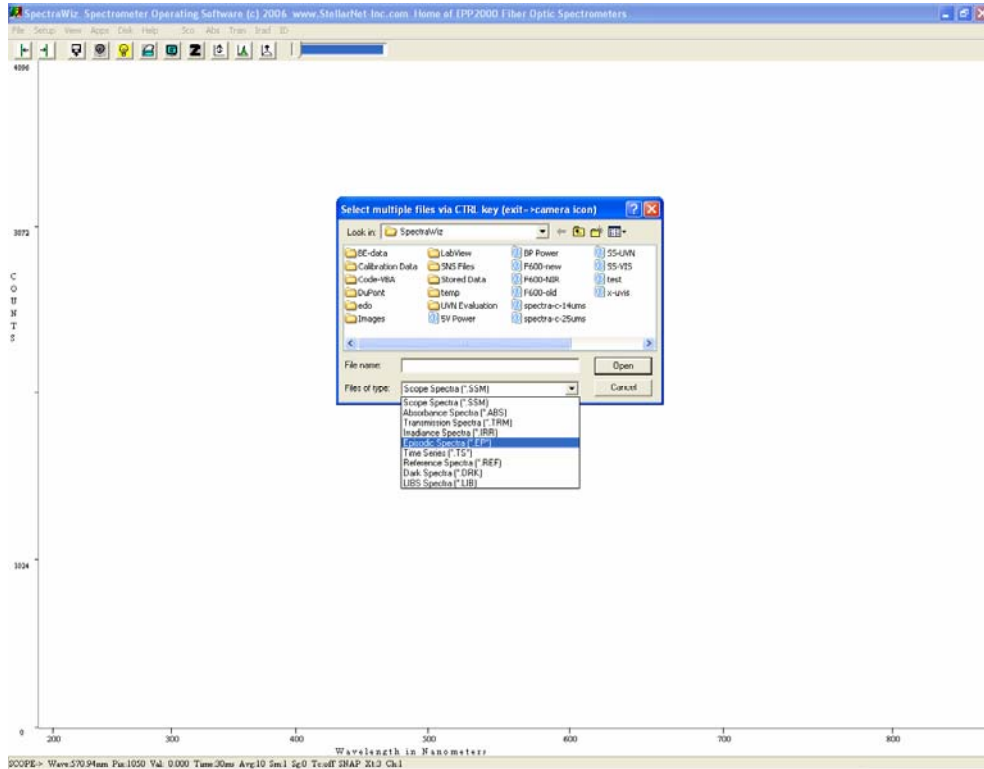

2) Press NO to display a Wavelength vs. Time series.

3) Select the first wavelength to be looked at.

4) Enter a 2nd wavelength or press 0 to continue.

5) Enter the number of episodes to be skipped, if any (if none enter 0).

6) SpectraWiz will then display the Wavelength vs. time series over the defined

   episodic capture series.

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0.065   0.660   1.320   1.980   2.640   3.300   3.960   4.620   5.270   5.930   6.590   7.250   7.750

Spectral Time Series in Seconds

SCOPE-> TimeStamp 0.000 SNAP Val: 0.000 Ch:1

Episodic Data Capture: Importing an Episodic data file into Excel:

1) Download and install the free software package called "SwDemo.exe" from the StellarNet website (www.stellarnet.us/public/download/SwDemo.exe).

2) Run the program "SwDemoRun."

3) Go to File → Convert EP.
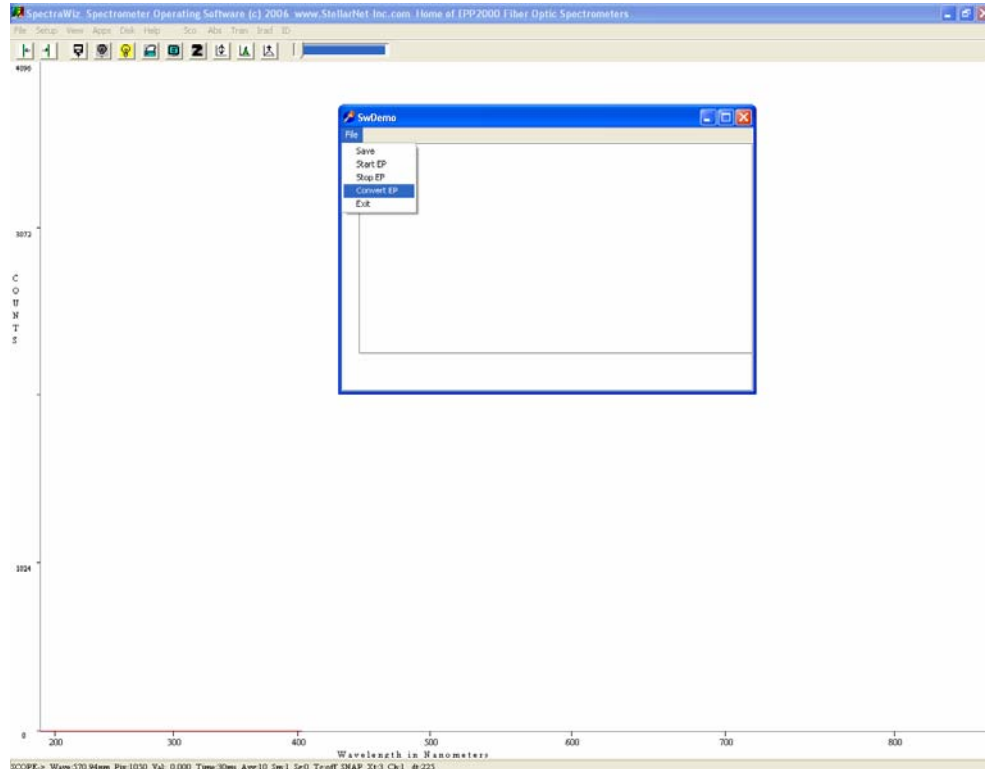
4) Select the .ep file to be converted.

5) Enter the number of episodes to be skipped, if any (if none enter 0).

6) The file is automatically converted to an .EPIX file which can be imported into MS Excel.