

Manual for MultiSpec 5.1.0
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####This version based on code written by
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#####

To install MultiSpec:

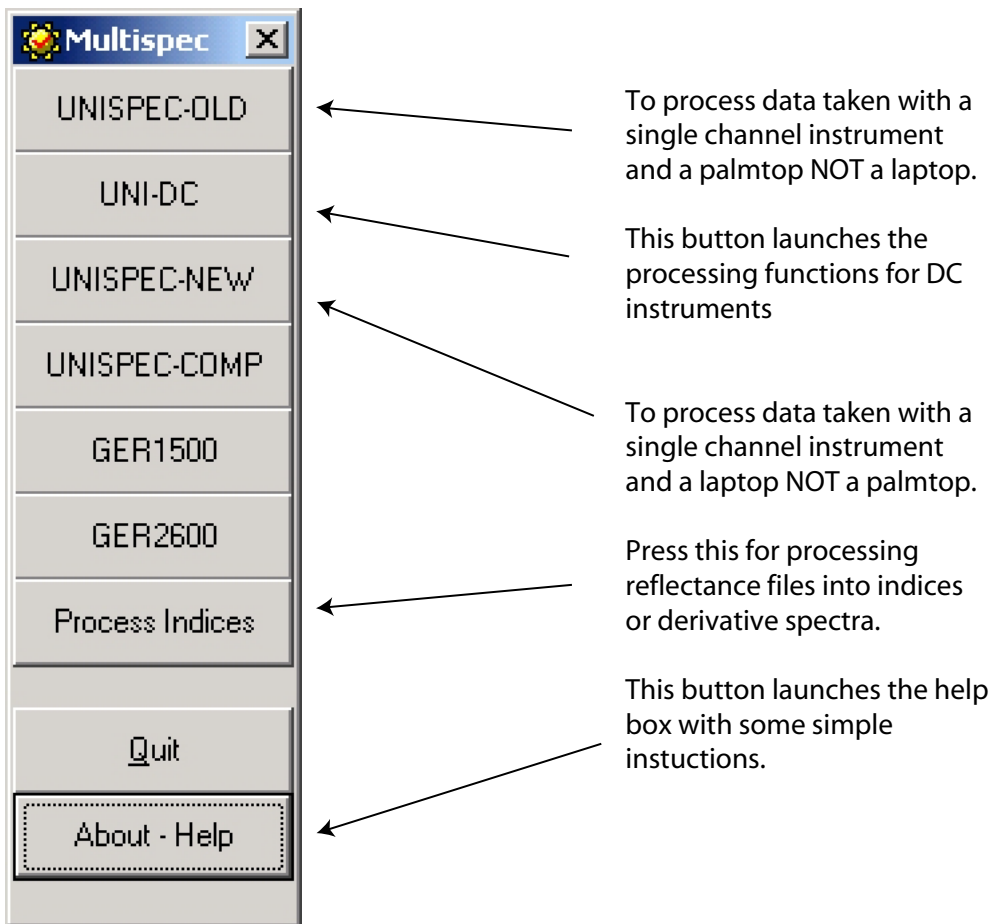
** system requirements: MS Windows OS, 5MB hard drive space.

Double click the setup.exe icon. The program does NOT affect registry settings so to uninstall, just delete all the files.

Follow the onscreen instructions to place MultiSpec in an appropriate folder.

Important: Do NOT move the MultiSpec.exe to another folder, make a shortcut instead. MultiSpec must reside in its program folder to work properly.

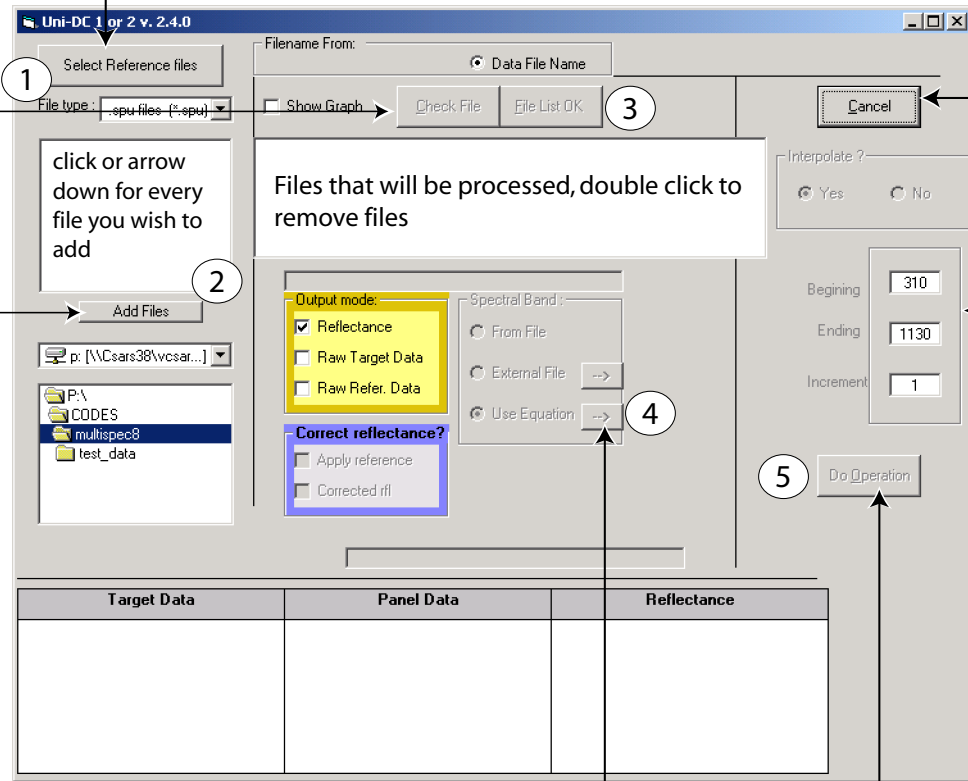
Running MultiSpec:



Document: MSpec_man.pdf
#####

To Select Reference files - see page (3)

To check the files, if you believe the files to be OK, then click the "file list OK" button otherwise the program can check each file and look for bad numbers. This feature can be nice for troubleshooting but is optional.



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click or arrow down for every file you wish to add

Files that will be processed, double click to remove files

Ends DC session

Wavelength output options

Click here to add all files to the list on the right, much faster than clicking individual files.

Click here to select wavelength calibrations.

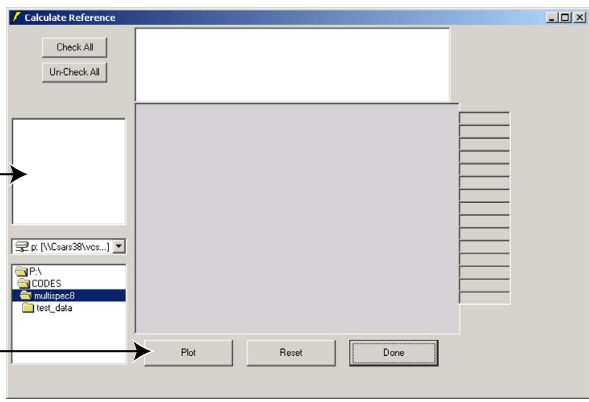
When finished click here for actual processing (last step).

***** Follow the steps outlined above, Step 1 will launch a window, shown on the next page

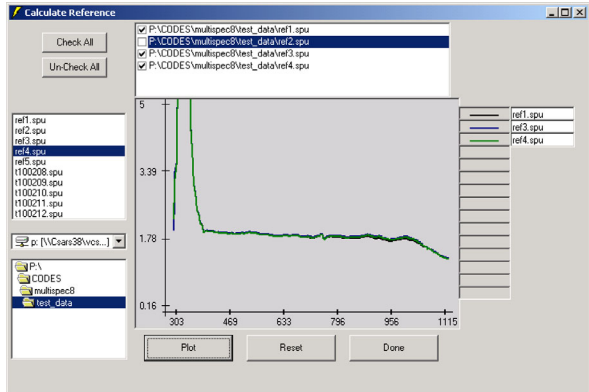
Viewing reference files (files taken over a white standard)

The importance is to make sure that all files that are to be used are nearly the same. You can do this through MultiSpec by plotting them and making a decision on which files are to be kept. MultiSpec will then average all the files that are checked and then apply those to uncorrected reflectance files that are selected in the "Main DC window" (previous window).

Click here to add files to the top box.

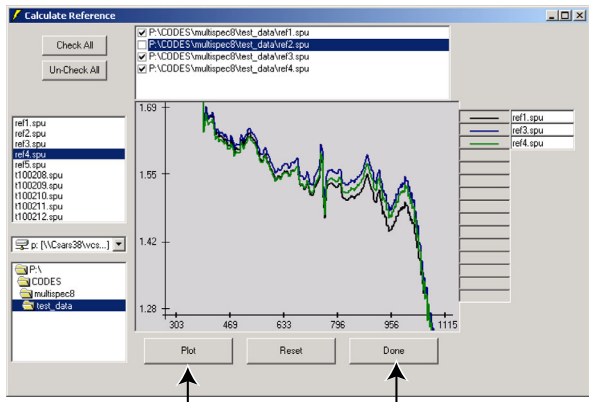


Click "plot" to plot the files



The plotting function allows one to zoom in on the plots to decide how closely they resemble each other.

To zoom in: click an area inside the plot and drag the mouse to draw a box.



Click "Reset" to reset the Y axis to the original scale.

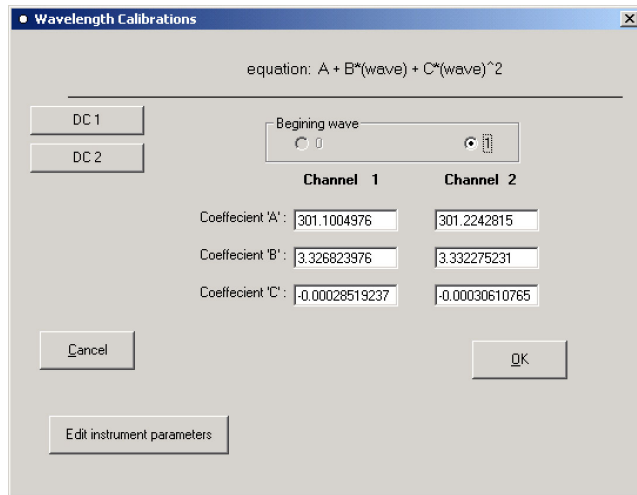
After you are finished examining the files, click here.

Wavelength Calibrations:

On this screen you are able to do two things:

- 1: Choose appropriate wavelength calibrations for your instrument
- 2: Add new instrument parameters

Select the instruments here. →



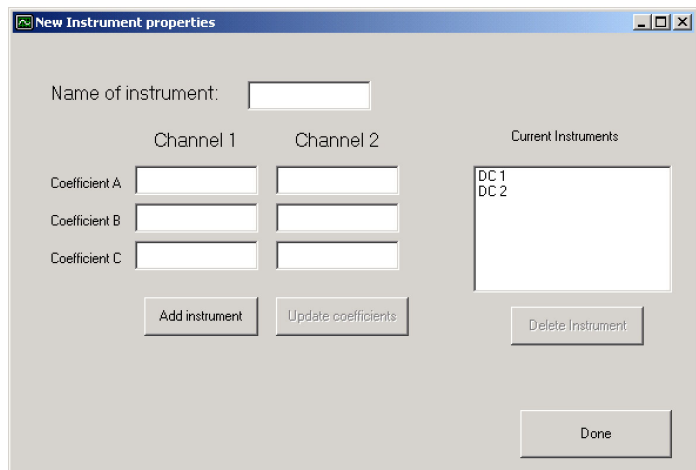
To add a new instrument:

Type in the instrument name that you would like to appear.

Enter in the wavelength coefficients in the appropriate boxes.

Click "Add instrument"

Click "Done"



Alternate Method (ADVANCED):

Open up the "inst.cof" file found in the program directory into your favorite text editor*. Follow the file format and save as an ascii file.

*Note : using MS WORD is NOT recommended due to formatting concerns.