

## UV-Vis directions by Dr. Juliet Hahn for UVProbe 2.21

Directions Tested by: Samantha Koonce, Samantha Noviscky, Tayyaba Toseef, Nicole Williams

1. click UV Probe 2.21
2. click connect - everything will be checked. If everything turns green, you can continue. If anything turns red, call me over because there are serious problems.
3. in the top click among the choices of (if you hover, these words will come up)

report, kinetics, photometric and spectrum - choose spectrum

4. choose M
  - a. in instrument panel choose - absorbance, slit default of 2.0, 360 and S/R normal
  - b. in measurement panel choose:

Wavelength range - 800 to 190 nm

Scan speed - fast

Sample interval - 1.0

Auto - change interval based on range

Repeat - # repetitions like FT for # scans (not FT)

Click OK

3. don't do instrument - baseline (this is done with nothing in compartment) (should do every 6 months)
4. instrument - command - start (or click start in the bottom of the window)
5. In window on side choose stacked spectrum and either check or uncheck to show spectrum you want to look at
6. graph - customize - limits
7. file - open - Jhahntemplate (on desktop with all files)
8. print
9. save as Hahn-XX-samplename-solvent-mmddyy

XX = your initials

Sample name - short as possible name

Solvent - as short as possible (ex: MeOH, CHCl<sub>3</sub>)