## Jasco V770 UV/VIS Spectrophotometer user manual

- Switch on spectrophotometer
- Boot up PC
- Start Program "Spectra Manager 2.5"

## Program manual

- Double-click on "Spectra Measurement" to open system control
- If necessary take out previous samples, if the sample is unknown contact a supervisor and do not touch until danger is excluded *Please leave minimize the opening time of the cover to prevent sensor damage*
- When using a reference, insert it nor, if necessary in both spots
- Press "Baseline"
- Insert sample einstecken (sample in front, reference in back)
- Press "Sample"

Change parameter: "Measure" "Parameter" and adjust by your liking:

Parameters Advanced				×
General Correction	Control Flowchart	Data		->
Photometric mode:	Abs ~			
UV/Vis bandwidth:	2.0 nm 🗸 🗸	NIR bandwidth:	8.0 nm 🔍 🗸	
UV/Vis response:	0.24 sec 🗸 🗸	NIR response:	0.06 sec 🗸 🗸	
Start:	1200 nm			
End	190 nm			
Data interval:	1.0 nm 🗸 🗸			
Scan mode:	Continuous 🗸 🗸			
Scan speed:	1000 nm/min $$			
Accumulation/cycle			e	
Accumulation				
Vertical scale No. of cycles: 1			1	
Auto 1 · 0				
Register Delete				
Basic Mode Open Save Default OK Cancel				

## Examine and extract data

• You can view your data in the window "Spectra Analysis" and save it (recommended is "Collectively CSV") after having chosen the wanted curve "File" -> "Export" The instrument can't measure an absorption of 5 or higher, it will jump to 10, don't get confused

## End of experiment

- End program
- Switch off spectrometer
- Take out samples & references
- Close the lid