

Hitachi U-2001 UV/Vis Spectrometer

Updated November 14, 2017

Instrument instructions can be found at:

<http://academic.bowdoin.edu/chemistry/resources/instructions.shtml>

If you have any problems with the instrument or would like to get trained, please contact

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1. Protocol

a.

4. Collect Spectrum

****Note****: To control with PC, go to Tools/Instruments/Open Monitor

- a. **Enter sample information**

want the data to print with the spectrum or overlaid spectra, you need to click on **“Report”**.

6. Shutdown Procedure

Hitachi U-2001 Quick Guide

1. Write name and sample info on log sheet
2. Turn on instrument
3. Turn on computer and log-in
4. If first time user, make folder with your name in the folder---c:\User Data
5. Open **UV Solutions** (if it does not automatically open)
6. Adjust method under **Edit>Method**
...notes on method
 - a. If more than 1 sample click “**Use Sample Table**” on general tab
 - b. Click “**Save**” when done editing
7. Enter sample info by clicking **Sample** on right side, if more than one sample, push **Insert** to add more.
8. **Zero** instrument, with no samples in it, by clicking **Spectrophotometer>Zero**
9. Put the blank in and collect the baseline (use “**User**” for type)
10. Insert sample (reference in the back, sample in the front) and **Measure**, repeat if multiple samples used

Shutdown

1. Remove samples
2. **File>Exit**
3. Close lamps then monitor window (fan will still be running to cool the lamps)
4. Let lamps cool for about 15 minutes, then power **OFF** the instrument, and then the computer