Spectrophotometer Clear Flex 30 Ratios Use Guide

2025 April 03

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# Startup

* 1. Flip switch on side of spectrophotometer and wait until boot sequence finishes
  2. Press “Enter” when prompted for password
  3. Press F4 for PC control
  4. Open UVProbe program on the computer
  5. Press connect in the bottom left
  6. Navigate to “Garrett” folder in the “Desktop”

# Measurements

1. Create a folder for today’s date
2. Keep default file name
3. Under “edit” select “method”
4. Set
   1. Scan start: 1100
   2. Scan stop: 400
   3. Speed: fast
   4. Interval: 1.0
5. Using gloves, wipe the sides of an empty glass cuvette
6. Insert into the closest slot of the spectrophotometer with a frosted side facing you so that the clear side lines up with the laser
7. Click “Baseline” in the bottom left and ensure the range is correct
8. Press “Start” to measure an empty cuvette
9. Name the sample YYYY-MM-DD\_mm-dd\_Baseline
10. Save as both .spc and “data print table” (.txt)
11. Swap to a sample whose side you have wiped
12. Press “Start”
13. Name the sample YYYY-MM-DD\_mm-dd\_10-R  
      
    In which YYYY is year, MM is month, DD is day, mm is the batch creation month, dd is the batch creation day, and R is the ratio of So-Flex II in the sample tested.  
      
    Example 2015-01-23\_01-17\_10-5 was tested on January 23rd of 2015, created on January 17th, and is a 10:5 ratio of Clear Flex Part B to So-Flex II
14. Save as both .spc and “data print table” (.txt)
15. Repeat steps 11 through 14 for the remaining samples

# Shutdown

1. Flip switch on side of spectrophotometer
2. UVProbe program on the computer