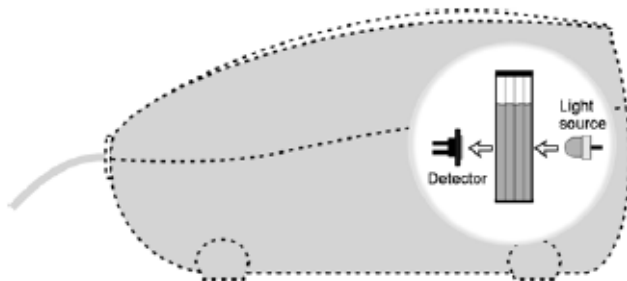


Calibrating the Vernier Colorimeter (COL-BTA)



Using LabQuest 2

1. Connect colorimeter to LabQuest via one of the three channels.
2. On the LabQuest click Sensors then Sensor Setup.
3. Select the channel the colorimeter is connected.
4. Scroll down and select Colorimeter then click OK.
5. Click OK. Absorbance should now appear on the screen.
6. Click Absorbance then Calibrate.
7. Click Calibrate Now.
8. For Reading 1:
 - a. Make sure the Colorimeter is empty.
 - b. Turn the Colorimeter to 0%T.
 - c. Enter "0" into %T.
 - d. Click Keep.
9. For Reading 2:
 - a. Place a blank cuvette (with distilled water) into the Colorimeter.
 - b. Turn the Colorimeter to the desired wavelength.
 - c. Enter "100" into %T.
 - d. Click Keep.
10. Click OK. The Colorimeter is now ready to use.



Using LabPro + Computer

1. Connect colorimeter to LabPro via one of the three channels.
2. Connect colorimeter to Computer via USB cable.
3. Open Logger Pro/Lite Software.
4. Click Experiment then Set Up Sensors then LabPro.
5. Select the channel the colorimeter is connected.
6. Click Choose Sensor then click Colorimeter.
7. Click the image of the Colorimeter then Calibrate.
8. Click Calibrate Now.
9. For Reading 1:
 - a. Make sure the Colorimeter is empty.
 - b. Turn the Colorimeter to 0%T.
 - c. Enter "0" into %T.
 - d. Click Keep.
10. For Reading 2:
 - a. Place a blank cuvette (with distilled water) into the Colorimeter.
 - b. Turn the Colorimeter to the desired wavelength.
 - c. Enter "100" into %T.
 - d. Click Keep.
11. Click Done. The colorimeter is now ready to use.

