

VALENCIA COLLEGE

Chemistry

Lab Technique 20: Using the LabQuest Data Collector with Temperature Probe

Turn on LabQuest2.

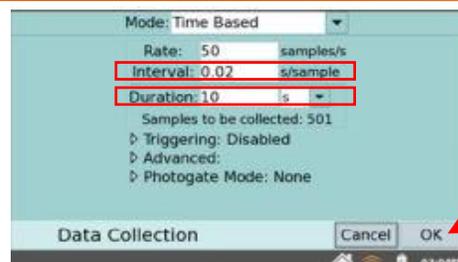
Connect temperature probe into CH 1 port.



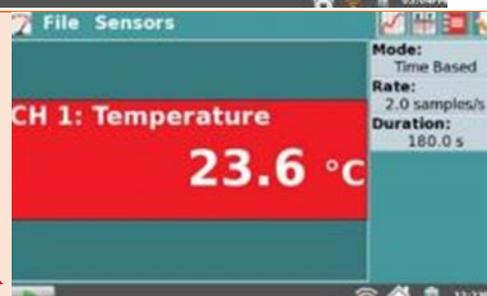
Using the stylus, select "Mode" on right hand side of the screen to change settings.



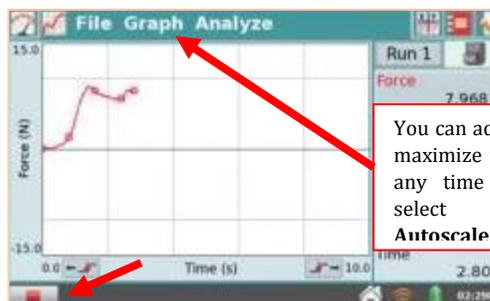
Adjust "Interval" and "Duration" per experiment's instruction. If not stated in experiment, ask your instructor. (ignore Rate). Then press "OK". [Note - these do not stay in memory. Before starting each new run you must reenter the Interval and Duration values.]



Place thermal probe in sample. Press play to collect data.



To end run, press stop.



You can adjust the display to maximize the data region at any time during the run: select **Graph**. Select **Autoscale Once**.

When run is complete, click “File”, then “Save”. Give it a unique name.



When ready to print, disconnect the probe. Take the LabQuest to one of the laptops and follow instructions next to the laptops.

When completely finished with the experiment, delete your graphs, then press and hold the “On” button to turn off the LabQuest2. Wash and dry thermal probe; store probe in original plastic bag. Return LabQuest and probe.

