

QUICK SHEET

VERNIER Relative Humidity Sensor (RH-BTA)

LOCATION of EQUIPMENT:

Hardware: See lab attendant

Software: Requires handheld Vernier LabQuest 2 unit; see lab attendant

INSTRUCTIONS FOR USE:

1. Plug sensor into one of the three side analog ports of the handheld unit (Vernier LabQuest 2)
2. The unit will automatically enter the appropriate screen to observe humidity levels
 - a. If it does not, press the home button in the bottom right corner of the handheld unit's display, then press the LabQuest App option in the top left corner
3. Allow sensor to adjust to given humidity levels
4. The wand will be taking readings as it is plugged in
5. For data logging options, refer to the quicksheet on the Vernier LabQuest 2
6. When done recording/logging, unplug the sensor from the handheld unit

HELPFUL TIPS:

1. The sensor works much quicker with air moving around it. By waving the wand, you'll speed up the sensors ability to give timely outputs.

OVERVIEW:

This sensor is used to measure relative humidity in the air for human thermal comfort, air quality, and/or weather studies.

SUGGESTED APPLICATIONS:

- Studying the thermal comfort of occupants in a building

RELEVANT TOPICS:

Post Occupancy Studies