

QUICK SHEET

VERNIER Anemometer (ANM-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 wind 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. Change units to read desired wind speeds by clicking on the reading, change units, and selecting the best fit.
4. The provided aluminum handle can be used to better orient the device for desired readings.
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

OVERVIEW:

This device captures wind speed data that can be used in preliminary design, post occupancy studies, and scale mock ups. It provides accurate wind speeds through the spinning impeller within the sensor.

SUGGESTED APPLICATIONS:

- Facade Studies - Wind flow across

RELEVANT TOPICS:

Temperature, Design Development, Post Occupancy Studies