

HQ30d Portable Meter Instruction Guide

Calibration

- 1) Connect the probe to the meter. *(Never touch the sensor cap with hands).
- 2) Fill provided plastic bottle with room temperature tap water.
- 3) Shake vigorously for 30 seconds.
- 4) Turn meter on (probe must be connected before meter is on).
- 5) Remove probe safety guard *(do not touch sensor cap). Then place the probe into the bottle.
- 6) Push the **CALIBRATE** key, and press the green button to activate calibration.
- 7) Select **READ**. The display will show **Stabilizing...** and a progress bar as the probe stabilizes.
- 8) Select **Done** to view calibration summary.
- 9) Select **Store** to accept calibration.
- 10) *Reassemble black safety guard without touching sensor cap.

Measurement

- 1) After Calibration steps have been completed, lower the probe 1 ft. under the water surface. **Note:** Try to sample at the approximate deepest location of the waterbody.
- 2) Select **Read**. The display will show **Stabilizing...** and a progress bar as the probe stabilizes. The display will then show the lock icon and the result will be automatically stored in the data log. Record D.O. concentration (mg/L) and Temperature (°F) on the data sheet.
- 3) Continue to record D.O. and Temperature at 3 ft. intervals after the initial surface (1 ft. interval) reading. **Note:** If the waterbody has a maximum depth < 10 ft., take readings at every 1 ft. interval.
- 4) When finished or moving to another sample rinse the probe with tap water.
- 5) Record the data into the SWIMS (Surface Water Integrated Monitoring System) database.