



AQUALAB PRE QUICK START

Preparation

Inspect and verify that all AQUALAB PRE components arrived in good condition.

Select a clean, level location where the temperature is stable. Locations with high temperature variability (e.g., next to air conditioners, heater vents, or open windows) can affect the accuracy of readings.

Maintenance

The accuracy of the AQUALAB PRE should be verified at least once per shift. If the verification standards read out of specification, the instrument needs to be cleaned.

For detailed instructions on how to verify and clean the AQUALAB PRE, visit aqualab.com/4te-certification or consult the AQUALAB PRE User Manual.

To reduce the chance of the sample material contaminating the measurement chamber, keep the AQUALAB PRE on a level surface at all times. Do not move the instrument while a sample is loaded into the chamber.

For more information on preventing contamination, consult the AQUALAB PRE User Manual.

What is water activity?

Water activity is the best way to understand the state of water in your product.

Learn more about what it is and how to use it at:
aqualab.com/introduction-water-activity-aw

Continuous Normal Mode

See Chapter 5 in your Operator's Manual.

System Configuration

This menu allows you to make minor system changes. From this menu, you can change the audible alarm after each sample or enter the linear offset adjustment menu.

Screen Options

0.000 a_w 0.0 °C

T_b = 23.1
T_s-T_b = 0.125

Temperature Equilibration Screen

This menu allows you to view the temperature difference between your sample and the instrument when the drawer knob is in the OPEN/LOAD position.

Select Language

English,
German,
French,
Spanish,
Italian,
Swedish,
Danish,
Norwegian,
Czech,
Portuguese,
Japanese,
Polish, or
Finnish.

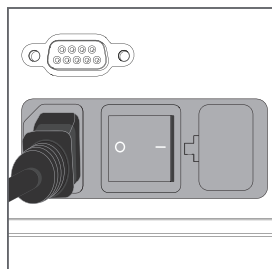
Installation

1. Turn the Instrument On

Plug the power cord into the back of the AQUALAB PRE unit and into an outlet.

Flip the black power switch on the back of the instrument.

Allow the AQUALAB PRE a warm-up period to ensure accurate readings.



2. Perform Initial Verification

From the given verification standards, choose standards that best represents the product being measured.

If the verification does not pass, consult the [AQUALAB PRE User Manual](#) to apply an offset.



3. Prepare the sample

Fill a sample cup half full, covering the bottom of the cup.

Do not overfill.

Clean the rim and outside surfaces of the sample cup.



4. Take a Reading

Place the sample cup in the sample chamber.

Close the chamber carefully, and move latch to the READ position to start the measurement. The AQUALAB PRE will beep and display the measurement results when the test is complete.



Referenced Links

[AQUALAB PRE Manual](#)



[Certification](#)



[Intro to Water Activity](#)



