

AquaLab 4TE DUO Quick Start

1. Getting Started—Chapter 4

- Place AquaLab on a level surface.
- Use AquaLab where environmental temperature remains fairly stable.
- Plug in AquaLab and turn on power (switch in back).
- For best results, let AquaLab warm-up for 15 min.

2. Sample Preparation—Chapter 8

- Fill sample cup no more than half full (-7ml). **Do Not Overfill!**
- Minimum sample amount should cover bottom of sample cup (small gaps OK).
- Ensure rim and outside of sample cup are clean.
- Make sure sample temperature is not more than 4°C above chamber temperature.

3. Taking a Reading—Chapter 9

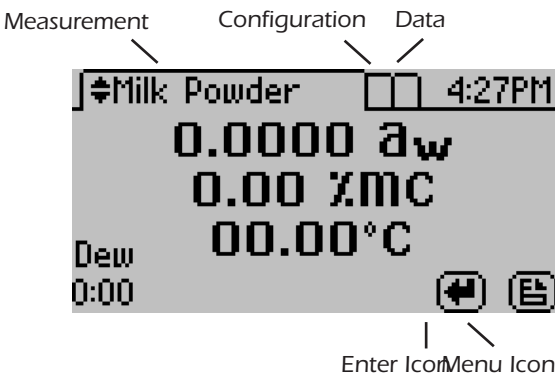
- Place sample cup in sample chamber. Close lid carefully to avoid spillage.
- Use the up and down arrows to select the desired moisture content model.

WARNING: Selecting the incorrect model will cause you to get an inaccurate moisture content reading.

NOTE: Contact AquaLab if you don't have a model for a product.

- Move latch left to start measurement.
- AquaLab beeps once when starting a_w measurements.
- First a_w value will display after one to two minutes, but reading is not complete until save icon appears.
- Sample's final a_w reading, temperature and moisture content will display.

4. AquaLab Series 4TE DUO Menu—Chapter 5



Calibration Menu

- Press Menu Icon on main screen.
- Press Enter twice to start calibration.

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5. AquaLab Performance Verification—Chapter 7

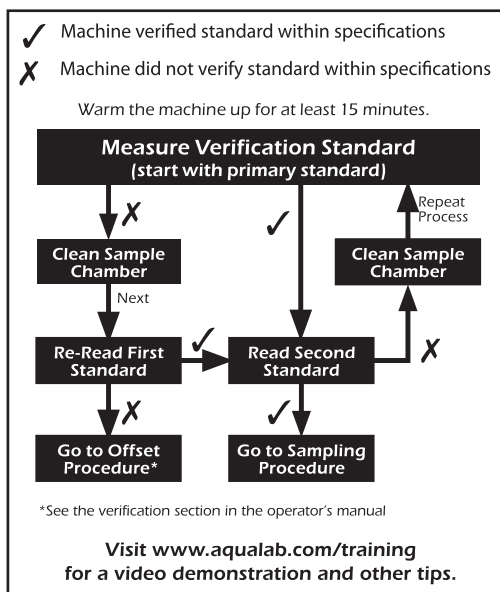
- AquaLab performance and cleanliness should be checked frequently (Each day of use is recommended)
- Use AquaLab Verification Standards to adjust linear offset.
- See Chapter 6 for AquaLab cleaning instructions.

6. Error Messages & Troubleshooting—Chapter 13

- Sample temperature greater than 4°C above AquaLab's sensor causes error.
- If sample's a_w is below ~ 0.03 , AquaLab displays a *less than* (<) symbol.
- For read times longer than 5 minutes, see Chapter 13.
- For cleaning instructions, see Chapter 10.

Cautions

- Do not overfill sample cups.
- Never tip or move AquaLab with sample loaded in sample chamber.
- Sample chamber contamination can damage AquaLab or cause inaccurate results.



Call for AquaLab technical support

- 509-332-5601 • 7AM – 5PM Pacific Time

To order cups and standards

- www.store.aqualab.com

