

# 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

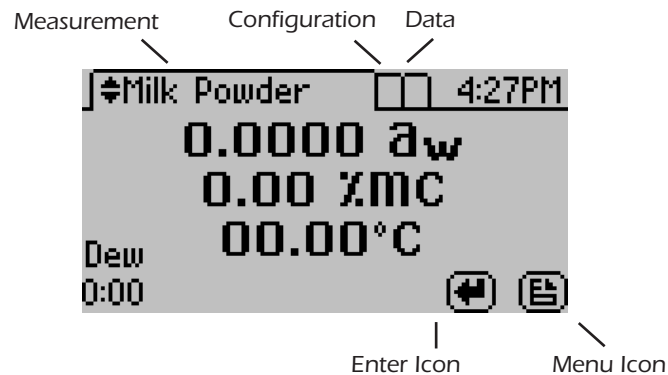
- Place sample cup in sample chamber. Close lid carefully to avoid spillage.
- Use the up and down arrows to select the desired moisture content model.

**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.

# 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

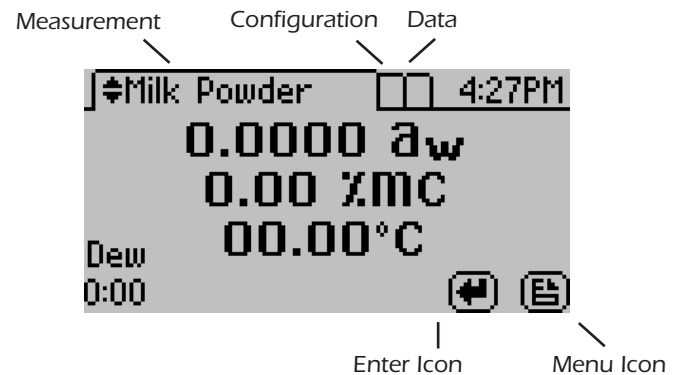
- Place sample cup in sample chamber. Close lid carefully to avoid spillage.
- Use the up and down arrows to select the desired moisture content model.

**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.

# Aqualab 4TE DUO Quick Start

## 5. Aqualab Performance Verification—Chapter 7

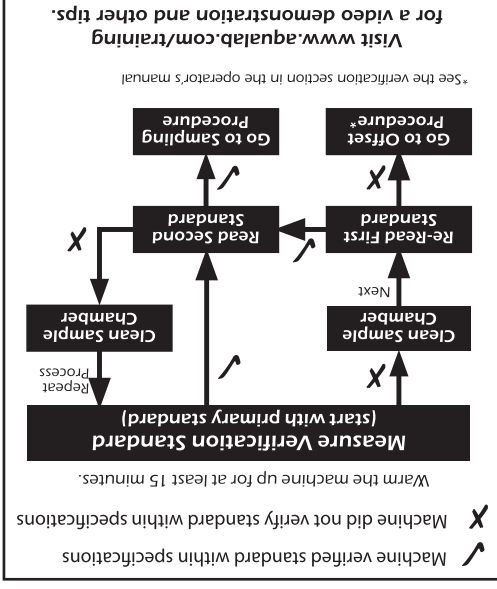
- Aqualab performance and cleanliness should be checked frequently [Each day of use is recommended]
- Use Aqualab Verification Standards to adjust linear offset.
- See Chapter 6 for Aqualab cleaning instructions.

## 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](http://www.store.aqualab.com)



2365 NE Hopkins Ct.  
Pullman WA, 99163  
support@decaagon.com  
www.aqualab.com

©2015 Decagon Devices, Inc.  
Printed in USA  
13943 | 20-01-15

# Aqualab 4TE DUO Quick Start

## 5. Aqualab Performance Verification—Chapter 7

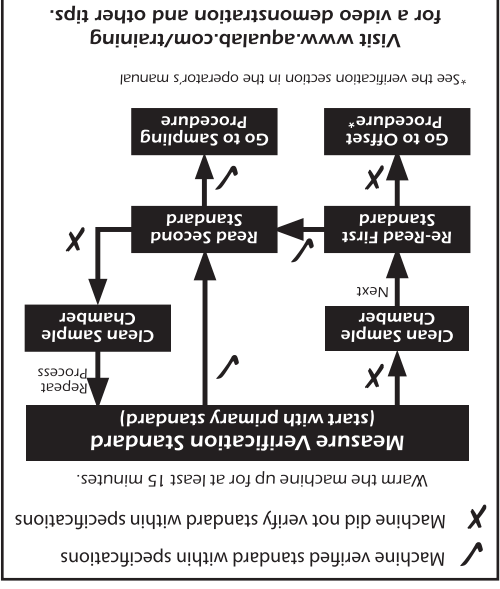
- Aqualab performance and cleanliness should be checked frequently [Each day of use is recommended]
- Use Aqualab Verification Standards to adjust linear offset.
- See Chapter 6 for Aqualab cleaning instructions.

## 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](http://www.store.aqualab.com)



2365 NE Hopkins Ct.  
Pullman WA, 99163  
support@decaagon.com  
www.aqualab.com

©2015 Decagon Devices, Inc.  
Printed in USA  
13943 | 20-01-15