

Document Title: <b>AquaLab Lite Quick Start</b>		Part # and Rev. <b>10546-05</b>	
		Release Date: <b>2-19-07</b>	
Rev.	Description	Revision By	Date
-02	Address Change	Laura	1-12-07
-03	Updated screen shots	Laura	2-19-07
-04	Added Diagnostic Function section & with screen shot, Removed About function section, updated startup screenshot, removed 1.0aw Calibration Solution	Derek	6-26-09
-05	Updated Diagnostics image	Derek	4/1/10
Date -- Time	Uploaded Quick Start to repository. Available at <a href="http://manuals.decagon.com">http://manuals.decagon.com</a> . Please ask archivist for previous versions or use Beanstalk application.	NJR	10/28/13

**Decagon Production File Name:**

[http://manuals.decagon.com/10546\\_AquaLab LITE\\_Print.pdf](http://manuals.decagon.com/10546_AquaLab LITE_Print.pdf)

**Vendor Production File Name:**

[http://manuals.decagon.com/10546\\_AquaLab LITE\\_Web.pdf](http://manuals.decagon.com/10546_AquaLab LITE_Web.pdf)

**Dimensions:** 5.5 in, 4.25 in

**Colors:** Full Color

**Material:** 60 lbs./89 g/m<sup>2</sup> White, Opaque, Smooth Finish Paper (14596)

**Finish:** Laminated 6 x 9 7 mil (14581)

**Adhesive:** None

**Serialization:** None

**Serial Number Example:** NA

**Serial Number Text:** NA

**Special Notes:** Pages are duplexed front to back

Illustration is Ref Only

**\*\*Not to scale \*\***

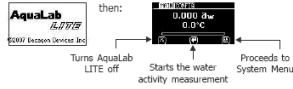
## AquaLab LITE Quick Start

### 1 Preparing for Operation

- Use AquaLab LITE on a level surface.
- Use AquaLab LITE where the temperature remains fairly stable.

### 2 Power Adaptor

- Use 9-24V DC or AC Adaptor (>100mA)
- AquaLab LITE automatically turns on when first plugged in.
- Pressing any button will turn AquaLab LITE on.
- AquaLab LITE shuts off by pressing left button from main menu or if idle for more than 1 hour.
- The following screens will appear on the display:



### 3 Sample Preparation

- 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 the rim and outside of sample cup are clean.
- Ensure sample temperature is not more than +4°C above the chamber temperature.

### 4 Sample Insertion

- Open AquaLab LITE by pushing the latch slide to the right.
- The top half of the AquaLab LITE will automatically open.
- Place your prepared sample cup inside the instrument's cup holder.
- Press down on the front top of the case to seal the cup inside.
- Press center button to start measurement.



## AquaLab LITE Quick Start

### 5 The Menus

- Press the right button to proceed to the system menu.

#### 'Calibrate' function

- **Calibrate needs to be verified daily or before each use.**
- Select the calibration solution (0.25, 0.50, 0.76, 1.00a<sub>w</sub>) or "Auto" to automatically determine which calibration solution was inserted.
- "Defaults" restores factory calibration settings.
- Verify salt standards to within ±0.015a<sub>w</sub>.
- The word "CAL" will appear after the water activity value.
- Refer to Chapter 4 for complete calibration instructions.

Note: Decagon's Verification Standards are required for calibration.

#### 'Language' function

- Press the center button when the Language function is highlighted.
- Press the left button to scroll to the next option.
- Press the left or middle button when the '++' is highlighted.
- Press the center button to accept the highlighted language.

#### 'About' function

- Press the center button when the About button is highlighted.
- An instrument information screen is shown.

### 6 Cautions

- Sample temperature >4°C causes error message.
- Do not fill the sample cup more than half full.
- Never tip or move AquaLab LITE with sample loaded.
- Never leave a sample in your AquaLab LITE.

**Decagon Devices**  
2365 NE Hopkins Ct.  
Pullman, WA 99163  
www.decagon.com/aqualab/

For technical support and AquaLab LITE supplies call:  
**800-755-2751**  
1-509-332-2756  
BAM - SW Pacific Time



0104-11