



Visit our web site:
www.decagon.com/aqualab/

DECAGON
World leader
in water activity
technology

**NEW
AquaLab
Series 3
features:**

- Auto-ranging for fastest speed.
- Small footprint.
- RS232 & LIMS communication capable.
- Easy-to-clean one piece sensor.
- No-tool maintenance.
- Forgiving sensor—No costly repairs.
- Option for continuous measurement.
- Intelligent error messages.



Factory-calibrated indestructible sensor delivers a new standard for water activity.

Accuracy and reliability—Microprocessor control and internal chilled-mirror dewpoint measurement keeps AquaLab™ Series 3 right on target: ± 0.003 accuracy on samples from 0.100 to 1.000 a_w .

Ease of maintenance.

Dew point is a primary measurement that doesn't require empirical calibration. You can check your instrument operation with AquaLab Performance Verification Standards to ensure it is functioning optimally. Pushbutton linear offset adjustment allows the user to easily match AquaLab readings to the standard.

Technical advantage.

Not only is AquaLab Series 3 precise, it's reliable. Repeatability and unparalleled accuracy are AquaLab's top-rated features.

Why do our customers rate AquaLab accuracy better than those other machines? It's part of our new, patented technology. Controlled chamber convection speeds equilibrium and maximizes dew point accuracy. Precise dewpoint and sample temperature measurements assure high accuracy.

Technical support.

AquaLab Series 3 is guaranteed to meet your water activity measurement needs, period. If it doesn't, return it in 30 days for a full, no-hassle refund.

Decagon's 800 toll-free line gives you unlimited access to AquaLab support specialists. In case your AquaLab Series 3 needs factory repair, our emergency loaners keep you operating in critical times—at no charge. ■



■ Whether it's PRETZELS or SOUP, if you're in a twist about solving food shelf-life problems, you'll benefit from Decagon's 30-day money back guarantee. Try out AquaLab Series 3 today, the leader in water activity

If your water activity work load's been growing, you deserve a Purple Heart for being wounded in battle. AquaLab Series 3 offers you the industry's best*



water activity measurement, ± 0.003 accuracy, in 5 minutes or less. Guaranteed. So, replace that old obsolete "90-minute" gear, and optimize your job time with AquaLab. ■*

■ Don't be wounded using an old-fashioned water activity meter. Get state-of-the-art AquaLab as a safeguard.

*US Patent
5,816,704

DECAGON

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*No instrument can read water activity faster than AquaLab. Unusual samples with low water emission are the only exception to AquaLab's five minute standard. If your sample is suspect, please call us or visit our web site for more information. www.decagon.com/aqualab/

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**AQUA
LAB**

Water Activity Meter



*AquaLab Series 3
offers you the
industry's best water
activity measurement
(±0.003 accuracy) in
5 minutes or less.
Guaranteed. ■*



**AOAC
INTERNATIONAL**

**Approved
Method**

AquaLab Water Activity Meter model Series 3 **Specifications**

Operating environment:
5 to 43° C (41 to 110° F)
20 to 85% relative humidity.

Sensors:
1. Infrared sample surface temperature.
2. Cooled-mirror condensation dewpoint.

Universal Power:
110V to 220V AC, 50/60Hz.

Display:
20 x 2 alphanumeric dot-matrix
LCD with backlighting.

Accuracy:
0.003 a_w

Range:
0.100* to 1.000 a_w
*Call Decagon for lower water activity applications.

Resolution:
±0.001 a_w

Interface cable:
Standard RS232 serial cable included.

Data communications:
RS232 compatible, 8-data bit ASCII code,
9600 baud, no parity, 1 stop bit.

Weight:
3.2 kilograms

Shipping Weight:
5.2 kilograms

Warranty:
Three year, parts and labor.

Case material:
Powder painted aluminum.

Sample dish capacity:
7ml recommended (15ml full).

Enclosure size:
24.1 x 22.9 x 8.9 cm.

Optional Verification Standards:
24 single-use vials per box, 3 boxes per carton,
single or assorted formulas.

Documentation with each box:
Certificate of Analysis.
Materials Safety Data Sheet (MSDS).

Shelf life: Expiration 1 year.

Salt Formulas:
Sodium Chloride (NaCl): 0.760 a_w 6molal
Lithium Chloride (LiCl): 0.500 a_w 8.5molal
Lithium Chloride (LiCl): 0.250 a_w 13.3molal

**AQUA
LAB**

Water Activity Meter

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