

# Smart water activity meter

---

 [metergroup.com/food/products/aqualab-3](https://metergroup.com/food/products/aqualab-3)



## New AQUALAB 3

---

### Speed and accuracy get smart

---

The AQUALAB 3 is a smart, connected water activity meter that pairs the speed and accuracy of AQUALAB chilled mirror dew point technology with SKALA's data power. This makes it possible not only to get your final testing numbers quickly, but now you can also manage compliance details for auditors, optimize your moisture margin, and monitor your process in real time to make consistently great product for your customers.

### Speed is everything

---

When it comes to water activity measurement, speed is everything. The new AQUALAB 3 is blazingly fast without sacrificing accuracy. Using the primary dew point sensor method, the AQUALAB 3 delivers an actual water activity reading—not a “quick” or estimated value—with an average read time of 3 minutes. With this kind of speed, users can use water activity to control their process, calibrate inline NIR, release product more quickly, and run up to 10x more samples through their labs when compared with traditional resistive electrolytic and capacitance polymer sensors.

## Powerful connections

---

The AQUALAB 3 is the first benchtop water activity meter with no screen. It opens up a world of possibilities by connecting the AQUALAB 3 to the devices where people get work done—iPads, computers, even mobile phones. Here's what the SKALA-connected AQUALAB 3 delivers for your lab:

**Automated data collection.** No writing, no typing, no data entry. Each piece of data is automatically tagged with technician name, date, time, instrument serial number, and more

**Audit-ready readings.** Fully documented, audit-ready testing records (Conforms to CFR 21 Part 11; SQF and BRC compliant)

**Instant visual pass/fail feedback.** Reading is tagged to a specific product and checked against specifications visual alerts for pass, outside control limits, and fail

**CofAs in 30 seconds or less.** Certificates of analysis generated directly from the documented instrument reading. Just 2 clicks.

## Dump downtime

---

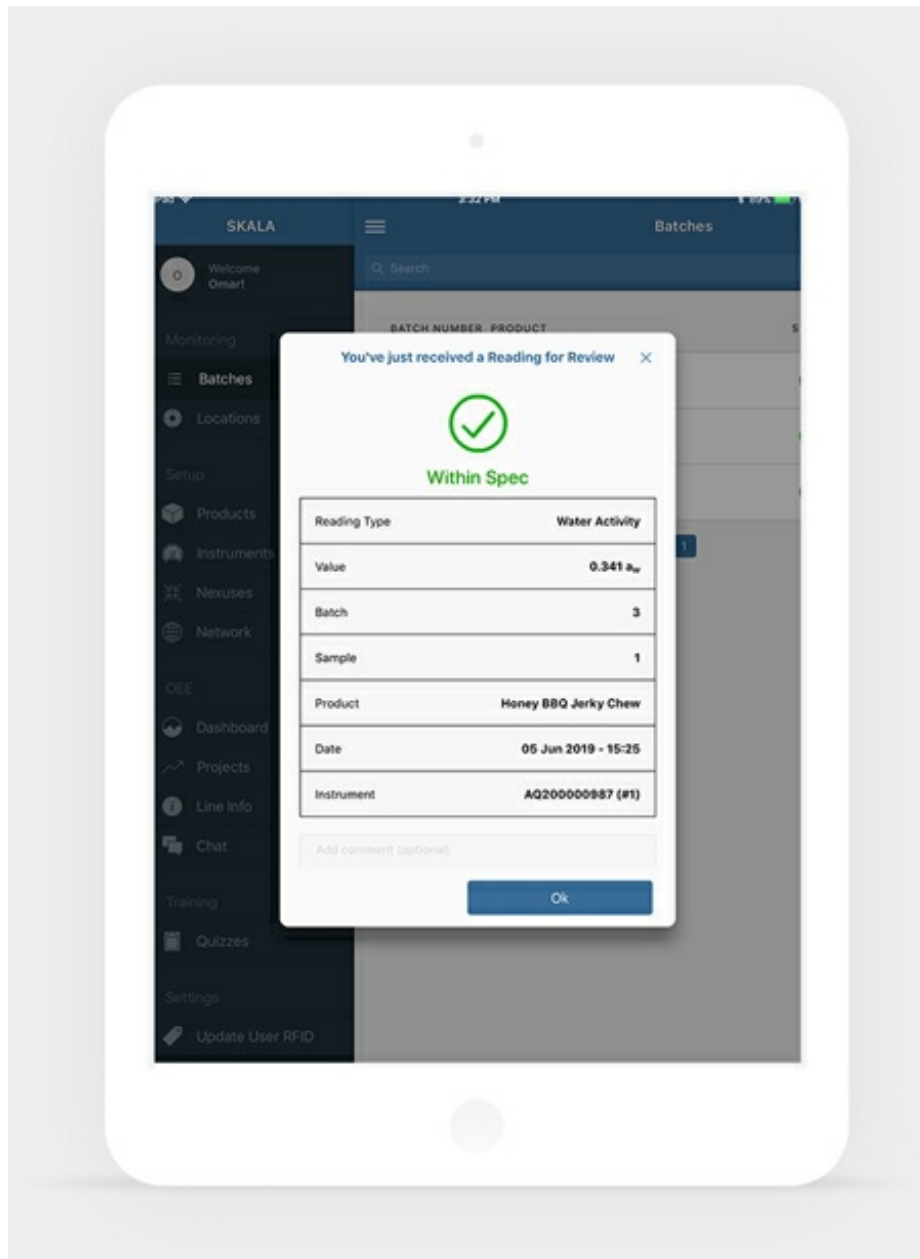
The AQUALAB 3 water activity meter is designed with layers of reliability. It monitors itself and notifies METER support when something doesn't look right. Your subscription plan includes proactive service: we call you before there's a serious problem.

And the AQUALAB 3's measurement electronics are contained in a swappable factory-calibrated aluminum block. No loaners and no downtime, because the instrument never leaves your bench.

## Ready to get outside the box?

---

The SKALA-connected AQUALAB 3 is designed for labs that are ready to go beyond a bench full of boxes. Want to know if the AQUALAB 3 is right for you? Talk to an expert to get pricing and calculate your ROI.



## AQUALAB 3 FEATURES

- Fast: Water activity readings in 5 minutes or less (most samples). Average read time 3 minutes.
- Accurate: 0.005  $a_w$  accuracy
- Easy to use: precise measurements, minimal training
- Expandable: connect and manage multiple AQUALAB 3 instruments with one iPad
- Repeatable: standards based for repeatability across users and locations
- Connectable: collect data automatically from non-METER instruments
- Optional block exchange program includes annual recalibration, extended warranty, and service plan

## SKALA Free

### Included

---

For labs getting started with moisture control: access real time water activity data and basic functions like search and CofAs.

---

### Features

- See all water activity readings in real time
  - Set pass/outside limits/fail specs
  - Print batch Certificates of Analysis (water activity readings)
  - Search and filter all water activity readings
- 

### Specifications

---

#### MEASUREMENT SPECIFICATIONS

---

Water activity	Sensor type: Chilled mirror dewpoint Range: 0.030–1.000 $a_w$ Resolution: 0.001 $a_w$ Accuracy: $\pm 0.005 a_w$ Repeatability: 0.002 $a_w$
----------------	--

---

Temperature	Controlled at constant 25 °C Resolution: 0.1 °C Accuracy: $\pm 0.1$ °C
-------------	--

---

Read time	Typically $\leq 5$ min
-----------	------------------------

---

#### PHYSICAL SPECIFICATIONS

---

Case dimensions	Length: 9.2 inches (23.4 cm) Width: 9.2 inches (23.4 cm) Height: 5.04 inches (12.1 cm)
-----------------	--

---

Case material	Polycarbonate-ABS (PC-ABS)
---------------	----------------------------

---

Weight	11 lbs (5 kg)
--------	---------------

---

Display	Through connection to SKALA Hub
Operating temperature	15-35 °C
Operating environment	0% - 90% noncondensing
Sample dish capacity	7.5 mL recommended (15 mL full)
Power	110-240 VAC 47/63 Hz (Fuse 2A @ 250V)
COMPLIANCE	Manufactured under ISO 9001:2015 EM ISO/IEC 17050:2010 (CE Mark)

Email: [support.food@metergroup.com](mailto:support.food@metergroup.com)

Phone: 509-332-5601

© 2017-2019 METER Group, Inc. USA