

Portable water activity meter

metergroup.com/food/products/pawkit



Pocket-sized, battery operated

AQUALAB PAWKIT

Grab and go

Designed for government inspectors and third-party auditors, the battery-operated portable PAWKIT water activity meter is perfect for water activity spot checks on the go.

How it works

To make a measurement, flip back the sensor cover and fit the PAWKIT over a standard AQUALAB sample cup. Push the button for a water activity reading in 5 minutes.

Portable water activity

The 3.5 x 4 inch PAWKIT weighs just 4 ounces and is designed to fit in a lab coat pocket. It runs on two coin cell batteries that last up to 3 years under normal use. It has an easy two-point calibration using AQUALAB standards.

Limitations

The PAWKIT is designed to make readings where a bench top meter is not practical. Its small size and battery power deliver the ultimate in portability, but limit the PAWKIT's accuracy ($\pm 0.02 a_w$) due to its capacitance sensor and lack of temperature control .

The PAWKIT portable water activity meter should only be used in situations where a higher accuracy reading is not critical to ensure or document safety and quality.

- Completely portable
- Pocket-sized—about 4 x 3 x 1 inch
- Lightweight (4 ounces)
- Runs about 3 years on 2 button cell batteries
- Easy two-point calibration
- Uses regular AQUALAB cups and standards

LIMITATIONS

- No temperature control
- Capacitance sensor limits accuracy to $\pm 0.02 a_w$

Specifications

MEASUREMENT SPECIFICATIONS

Water activity	Range: 0.00–1.00 a_w Resolution: 0.01 a_w Accuracy: $\pm 0.02 a_w$
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Temperature	Resolution: 0.1 °C Accuracy: ± 0.2 °C
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Read time	5 min
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PHYSICAL SPECIFICATIONS

Case dimensions	Length: 10.7 cm (14.21 in) Width: 6.6 cm (2.60 in) Height: 2.0 cm (0.79 in)
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Case material	Stainless steel and valox 325 plastic
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Sample cup capacity	7.5 mL (0.26 fl oz), recommended (15 mL (0.47 fl oz), full)
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Weight	115 g (4 oz)
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Display	64 × 128 graphical
Operating temperature	Minimum: 4 °C Maximum: 50 °C
Operating environment	0%–90% relative humidity (noncondensing)
Power	2-3 V 16 mm coin cell batteries (approx. 3 yr. life in normal use)
COMPLIANCE	Manufactured under ISO 9001:2015 EM ISO/IEC 17050:2010 (CE Mark)

We manufacture, test, calibrate, and repair every instrument in house. Our scientists and technicians use the instruments every day in our product testing lab. No matter what your question is, we have someone who can help you answer it.

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