

# AQUALAB Pawkit Water Activity Meter

[metergroup.com/food/articles/legacy-aqualab-pawkit-water-activity-meter](http://metergroup.com/food/articles/legacy-aqualab-pawkit-water-activity-meter)

## AQUALAB PAWKIT

- **Grab and go**

Designed for government inspectors and third-party auditors, the lightweight Pawkit 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.

With a limited  $\pm 0.02 a_w$  accuracy, the Pawkit should only be used to verify readings or where a higher accuracy reading is not critical.

### Portable water activity

- Weighs 4 ounces
- Pocket-sized—3.5 x 4 inches
- Battery operated
- Easy two-point calibration

### Limitations

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



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## • SPECIFICATIONS

<b>Water activity</b>	<ul style="list-style-type: none"><li>◦ <b>Range:</b> 0.00–1.00 <math>a_w</math></li><li>◦ <b>Resolution:</b> 0.01</li><li>◦ <b>Accuracy:</b> <math>\pm 0.02</math></li></ul>
<b>Sample temperature</b>	<ul style="list-style-type: none"><li>◦ <b>Resolution:</b> 0.1 °C</li><li>◦ <b>Accuracy:</b> <math>\pm 0.2</math> °C</li></ul>
<b>Read time</b>	5 min
<b>Case dimensions</b>	<ul style="list-style-type: none"><li>◦ <b>Length:</b> 10.7 cm (4.21in)</li><li>◦ <b>Width:</b> 6.6 cm (2.60 in)</li><li>◦ <b>Height:</b> 2.0 cm (0.79 in)</li></ul>
<b>Case material</b>	Stainless steel and valox 325 plastic
<b>Sample dish capacity</b>	7.5 mL, recommended (15 mL, full)
<b>Weight</b>	115 g (4 oz)
<b>Operating temperature</b>	<ul style="list-style-type: none"><li>◦ Minimum: 4 °C</li><li>◦ Maximum: 50 °C</li></ul>
<b>Operating environment</b>	0–90% relative humidity (noncondensing)
<b>Power</b>	2–3 V 16 mm coin cell batteries (life of approximately 3 years)
<b>Compliance</b>	<ul style="list-style-type: none"><li>◦ Manufactured under ISO 9001:2015</li><li>◦ EM ISO/IEC 17050:2010 (CE Mark)</li></ul>

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