



# AQUALAB 4TE

## BENCHTOP WATER ACTIVITY METER

The secret to the 4TE's speed and accuracy is in its unique chilled mirror dew point sensor. The dew point sensor is a primary measure of water activity. Unlike other water activity sensors, the dew point sensor actually measures water activity ( $a_w$ ), not some secondary parameter merely correlated with water activity ( $a_w$ ). This makes the 4TE extremely accurate, so you can have complete confidence in your sample readings.

## FEATURES

- Fast:** water activity meter gets readings in 5 minutes or less
- Accurate:**  $\pm 0.003 a_w$
- Verifiable with independent salt standards**
- Repeatable:** different users, different locations, same result
- Portable:** weighs just 7 pounds (3 kg)
- Easy to use:** water activity meter yields precise measurements with minimal training
- Secure:** offers administrative control over calibration and sample data
- Proven:** used by 80 of the top 100 food companies and complies with current ISO and AOAC standards.

## SPECIFICATIONS

|                       |   |
|-----------------------|---|
| WATER ACTIVITY        | Range: 0.030–1.000 $a_w$<br>Resolution: 0.0001 $a_w$<br>Accuracy: $\pm 0.003$ (4TE dew point)<br>$\pm 0.015$ (4TEV capacitance)<br>Repeatability: 0.001 $a_w$ |
| TEMPERATURE           | Range: 15–50 °C<br>Resolution: 0.01 °C<br>Accuracy: $\pm 0.1$ °C  |
| READ TIME             | ~5 min  |
| CASE MATERIAL         | POLYLAC PA-765 (ABS)<br>with fire retardant   |
| CASE DIMENSIONS       | Length: 26.7 cm (10.5 in)<br>Width: 17.8 cm (7.0 in)<br>Height: 12.7 cm (5.0 in)  |
| WEIGHT                | 3.1KG (6.8 lb)  |
| DISPLAY               | 64x128 graphical  |
| POWER                 | 110–240 VAC 47/63 Hz (Fuse 2A @ 250V)   |
| OPERATING TEMP        | Minimum: 4 °C<br>Maximum: 50 °C   |
| OPERATING ENVIRONMENT | 0% - 90% noncondensing  |
| SAMPLE DISH CAPACITY  | 14mL (0.47 fl oz)   |
| STANDARDS COMPLIANCE  | AOAC  |

