



METER
FOOD



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

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

SPECIFICATIONS

WATER ACTIVITY	Range: 0.030–1.000 a_w Resolution: 0.0001 a_w Accuracy: ± 0.003 (4TE dew point) ± 0.015 (4TEV capacitance) Repeatability: 0.001 a_w
TEMPERATURE	Range: 15–50 °C Resolution: 0.01 °C Accuracy: ± 0.1 °C
READ TIME	~5 min
CASE MATERIAL	POLYLAC PA-765 (ABS) with fire retardant
CASE DIMENSIONS	Length: 26.7 cm (10.5 in) Width: 17.8 cm (7.0 in) 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 Maximum: 50 °C
OPERATING ENVIRONMENT	0% - 90% noncondensing
SAMPLE DISH CAPACITY	14mL (0.47 fl oz)

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