



AQUALAB 4TE BENCHTOP WATER ACTIVITY

DESCRIPTION

Easy to clean

The sample chamber lid flips up so contamination in the sample chamber is quick to spot and easy to clean.

Secure food safety data

The AQUALAB water activity meter 4TE stores time, date, and user information with every measurement and calibration, and can store up to 10,000 secure data points.

Administrative functions can be set to control access to data. Designate up to 25 unique users and passwords. Use the RS-232 serial data port to download or print data for statistical analysis and to maintain compliance records and archives.



4TE BENCHTOP WATER ACTIVITY

Measure water activity (aw) in 5 minutes or less (average read time: 2.5 minutes) with ± 0.003 aw accuracy. AQUALAB instruments are the fastest, most precise water activity meters available.

Use the AQUALAB 4TE water activity meter to get lab-quality measurements at the line, receiving dock, processing plant, storage facility—anywhere you need to test and verify the safety and quality of your products and ingredients.

Internal temperature control lets you set a measuring temperature between 15 and 50 °C and use the instrument

anywhere—even outside the QC lab. 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 (Aw), not some secondary parameter merely correlated with water activity (Aw). This makes the 4TE extremely accurate, so you can have complete confidence in your sample readings.

AQUALAB 4TE BENCHTOP WATER ACTIVITY

ACCESSORIES

- Temperature Equilibration Plate
- Printer
- Filters (3-pack)
- Carrying Case

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
PHYSICAL SPECIFICATIONS	
Case dimensions	Length: 26.7 cm (10.5 in) Width: 17.8 cm (7.0 in) Height: 12.7 cm (5.0 in)
Case material	POLYLAC PA-765 (ABS) with fire retardant
Sample cup capacity	14 mL (0.47 fl oz)
Weight	3.1 kg (6.8 lb)
Display	64 x 128 graphical
Operating temperature	Minimum: 4 °C Maximum: 50 °C
Operating environment	0%–90% noncondensing
Data communications	USB A and RS-232 serial 9,600–115,000 baud
Power	110–220 VAC 50/60 Hz
COMPLIANCE	Complies with ISO 18787:2017

Contact info



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Insight into instrumentations

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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

This Instrument is manufactured by our principle company

Meter Food - USA