



4TE DUO WATER ACTIVITY & MOISTURE CONTENT

All AQUALAB instruments now come with DUO functionality so you can measure water activity and get moisture content simultaneously from a single sample. To use the DUO function, you need a product-specific calibration model for each of the products you want to measure



AQUALAB 4TE DUO WATER ACTIVITY

Best products

Most products with less than 40% moisture (by weight) will work using DUO calibration models. Products with moistures above 40% usually have such uniformly high water activity values that other moisture analyzers are a better fit.

High precision and repeatability

Below 40%, moisture changes affect water activity readings more strongly, yielding high precision and repeatability.

SKALA adds DUO models to any AQUALAB

Add product-specific calibration models to any SKALA-connected water activity instrument. SKALA uses the appropriate model when the technician identifies a sample.

4TE DUO WATER ACTIVITY & MOISTURE CONTENT

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
Moisture content	Accuracy: 0.1%–0.5% to moisture content reference. Repeatability: 0.02%
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
Sample dish capacity	7.5 mL recommended (15 mL full)
Data communications	USB A and RS-232 serial 9,600–115,000 baud
Power	110–220 VAC 50/60 Hz
COMPLIANCE	Manufactured under ISO 9001:2015 EM ISO/IEC 17050:2010 (CE Mark)

Contact info



Monitoring MENA

Insight into instrumentations

(962) 5353-2091

PO Box 1100 Salt

Post Code 19110 JORDAN

sales@monitoring-mena.com

www.monitoring-mena.com

FEATURES

- Costs less to run than other moisture analyzers
- Odor-free
- Chemical-free
- No oven, no balance
- Precise: reduces error by up to 90%
- Verifiable with independent salt standards
- Repeatable
- Green: uses 95% less energy
- Portable: the meter weighs just 7 pounds
- Easy to use: precise measurements with minimal training
- Secure: offers administrative control over calibration and sample data
- Complete moisture analysis: reads both moisture content and water activity

This Instrument is manufactured by our principle company

Meter Food - USA