



LABTOUCH-AW

Simple and Accurate Water Activity Measurement

WATER ACTIVITY MEASUREMENT

QUICK FACTS

LABTOUCH-AW

Suitable for Lab and Production

Versatile and fast water activity meter with big touchscreen for easy access. Appropriate for at-line measurement in production or for accurate water activity value determination in QA labs.

ADVANTAGES & BENEFIT

SIMPLE & ACCURATE

aW-instrument for various samples nevertheless if liquid, jellylike or solid. With its ergonomic design and touch screen, water activity measurement is made as easy as never before. A semi temperature-control as well as integrated surface temperature measurement allows an accurate and reproducible measurement. A selectable choice of measurement modes offers the opportunity to users to perform either a fast measurement at production lines or an accurate measurement for final control / batch release purposes.

FEATURES

EASE OF USE	● ● ● ● ●
SIZE OF DISPLAY	● ● ● ● ●
DATA STORAGE	● ● ● ● ●
MEASUREMENT SPEED	● ● ● ● ●
MEASUREMENT ACCURACY	● ● ● ● ●
QUICK MODE	● ● ● ● ●
APPLICATION RANGE	● ● ● ● ●
CHEM. PROTECTION FILTER	● ● ● ● ●
THERMOSTATED CHAMBER	● ● ● ● ●
PRICE	● ● ● ● ●
RE-USABLE STANDARDS	● ● ● ● ●
EASE OF MAINTENANCE	● ● ● ● ●
HUMIDITY EQUILIBRIUM DETECTION	● ● ● ● ●



SPECIFICATION SHEET



LabTouch-aw

Measurement Specifications

	<i>Parameter</i>	
	<i>Water Activity</i>	<i>Temperature</i>
Measurement Principle	Resistive Electrolytic	Surface-IR and NTC
Measurement Range	0.030.....1.000aw	5.....45°C (41.....113°F)
Calibration Range	0.110.....0.970aw	N/A
Resolution	0.001aw	0.1°C
Accuracy	+/-0.005aw within cal. range	+/-0.15°C
Precision	+/-0.003aw within cal. range	+/-0.1°C
Repeatability	+/-0.002aw within cal. range	N/A
Temperature Control	Programmable measurement temperature in the range of 15.....30°C (59.....86°F)*	
Calibration Points (%rH)	11%, 33%, 53%, 58%, 75%, 84%, 90%, 97%	

*Please refer to manual for detailed description and restrictions

Instrument-Specifications

	<i>LabTouch-aw</i>
Versions	BASIC and ADVANCED
Current Supply	5 VDC, +/-6%, max. power consumption 10W
Power Supply / Mains	90.....264 VAC 50/60 Hz
Display	4.3" LC-Display , color
Communication	<ul style="list-style-type: none"> • USB for PC / Drucker (Advanced) • SD/SD_{HC}-card (Basic and Advanced)
Housing	<ul style="list-style-type: none"> • Two-part PC/ABS housing, Weight: 2.8kg • Dimensions (L x W x H)= 200 x 285 x 105mm
Volume measurement chamber	15mL
Dimensions Sample Cup	Durchmesser 30mm x Höhe 14mm
Protection Class	IP22
21CFR 11	Partially Compliant