



LABSWIFT-AW

Water Activity Measurement, Portable or Stationary

WATER ACTIVITY MEASUREMENT

QUICK FACTS

LABSWIFT-AW

Once Portability is Needed

A measurement here and there, in the lab or at production lines, the LabSwift-aw with battery pack offers maximum portability. No need to look for power cords in environments where they can hardly be found. This instrument is suitable for daily use and designed for samples in the low to mid water activity value range.

ADVANTAGES & BENEFIT

PORTABLE & RELIABLE

Looking for a water activity instrument with local flexibility so that you can even measure off-site in the field? If so, the LabSwift is exactly what fits best your need. Suitable for samples as powders or dried fruits with low to mid water activity values as the instrument does not offer temperature controlled measurement chamber. The established and proven Novasina, resistive-electrolytic measurement technology is implemented here as well and ensures reliable and accurate measurement results.

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



LabSwift-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.....0.900aw	N/A
Resolution	0.001aw	0.1°C
Accuracy	+/-0.010aw 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	no temperature control available	
Calibration Points (%rH)	11%, 33%, 53%, 58%, 75%, 84%, 90%	

*As long as temperature remains constant between different measurements

Instrument-Specifications

	<i>LabSwift-aw</i>
Versions	with and without battery pack
Current Supply	5 VDC, +/-6%, max. power consumption 10W
Power Supply / Mains	90.....264 VAC 50/60 Hz
Display	LC-display, dimension: 35x69 mm
Communication	SD/SD _{HC} -card
Housing	<ul style="list-style-type: none"> • Two-part PC/ABS housing, Weight: 1.2kg • Dimensions (L x W x H)= 225 x 140 x 85 mm
Volume measurement chamber	15mL
Dimensions Sample Cup	Diameter 30mm x Height 14mm
Protection Class	IP22
21CFR 11	Partially Compliant