

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	- 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