

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	+/-0.1°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	N/A
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	• USB and RS-232 for PC communication • SD/SD_{HC}-card
Housing	• 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	Diameter 40mm x height 12mm
Protection Class	IP22
21CFR 11	Partially Compliant