

# SPECIFICATION SHEET



## ClimMate-aw

### Measurement Specifications

	<i>Parameter</i>	
	<i>Water Activity</i>	<i>Temperature</i>
<b>Measurement Principle</b>	Resistive Electrolytic	Surface-IR and NTC
<b>Measurement Range</b>	0.03.....1.00aw	0.....50°C (32.....122°F)
<b>Calibration Range</b>	0.11.....0.90aw	N/A
<b>Resolution</b>	0.01aw	0.1°C
<b>Accuracy</b>	+/-0.02aw within cal. range	+/-0.15°C
<b>Precision</b>	+/-0.01aw within cal. range*	+/-0.1°C
<b>Repeatability</b>	+/-0.01aw within cal. range*	N/A
<b>Temperature Control</b>	no temperature control and humidity equilibrium detection available	
<b>Calibration Points (%rH)</b>	Only with nSoft-CAL: Points: 11%, 33%, 53%, 75%, 90%	

\*As long as temperature remains constant between different measurements

### Instrument-Specifications

	<i>ClimMate Set aw</i>
<b>Versions</b>	N/A
<b>Current Supply</b>	4x 1,5 VDC Alkaline batteries or adapter 5 VDC
<b>Power Supply / Mains</b>	90.....264 VAC 50/60 Hz
<b>Display</b>	capacitive TFT display
<b>Communication</b>	USB to PC
<b>Housing</b>	<ul style="list-style-type: none"> <li>• Plastic Housing, Weight: 0.2kg</li> <li>• Dimensions (L x W x H)= 62 x 170 x 34 mm</li> </ul>
<b>Volume measurement chamber</b>	480mL
<b>Dimensions Sample Cup</b>	Diameter 80mm x Height 95mm
<b>Protection Class</b>	IP54
<b>21CFR 11</b>	Not Compliant