

# SPECIFICATION SHEET



## LabStart-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	15.....30°C (59.....86°F)
<b>Calibration Range</b>	0.33.....0.75aw	N/A
<b>Resolution</b>	0.01aw	0.1°C
<b>Accuracy</b>	+/-0.03aw 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 available	
<b>Calibration Points (%rH)</b>	33%, 75%	

\*As long as temperature remains constant between different measurements

### Instrument-Specifications

	<i>LabStart-aw</i>
<b>Versions</b>	N/A
<b>Current Supply</b>	5 VDC, +/-6%, max. power consumption 10W
<b>Power Supply / Mains</b>	90.....264 VAC 50/60 Hz
<b>Display</b>	LC-display, dimension: 35x69 mm
<b>Communication</b>	none
<b>Housing</b>	<ul style="list-style-type: none"> <li>• Two-part PC/ABS housing, Weight: 1.2kg</li> <li>• Dimensions (L x W x H)= 225 x 140 x 85 mm</li> </ul>
<b>Volume measurement chamber</b>	15mL
<b>Dimensions Sample Cup</b>	Diameter 30mm x Height 14mm
<b>Protection Class</b>	IP22
<b>21CFR 11</b>	Not Compliant