



CLIMMATE SET-AW

Handles Even Sample Chunks

WATER ACTIVITY MEASUREMENT

QUICK FACTS

CLIMMATE SET-AW

Handheld Water Activity Meter

Handheld unit with big sample box to measure water activity of bigger amounts of sample or sample chunks. Can be used for raw material inspection or in production. Suitable to get a sneak peek what the water activity of the sample is about.

ADVANTAGES & BENEFIT

FOR BIGGER SAMPLE CHUNKS

To measure a sample in a representative way, bigger amount of sample is required sometimes. In this case, Novasina's ClimMate Set aw offers a comfortable solution. It allows the user to measure bigger quantity of sample or chunks of sample or even bulky stuff. This water activity meter does not feature the Novasina equilibrium detection, thus end of measurement has to be determined by the user himself and there is as well any implemented temperature-control. This meter is battery powered, so it can easily be used as portable version.

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



ClimMate-aw

Measurement Specifications

	<i>Parameter</i>	
	<i>Water Activity</i>	<i>Temperature</i>
Measurement Principle	Resistive Electrolytic	Surface-IR and NTC
Measurement Range	0.03.....1.00aw	0.....50°C (32.....122°F)
Calibration Range	0.11.....0.90aw	N/A
Resolution	0.01aw	0.1°C
Accuracy	+/-0.02aw within cal. range	+/-0.15°C
Precision	+/-0.01aw within cal. range*	+/-0.1°C
Repeatability	+/-0.01aw within cal. range*	N/A
Temperature Control	no temperature control and humidity equilibrium detection available	
Calibration Points (%rH)	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>
Versions	N/A
Current Supply	4x 1,5 VDC Alkaline batteries or adapter 5 VDC
Power Supply / Mains	90.....264 VAC 50/60 Hz
Display	capacitive TFT display
Communication	USB to PC
Housing	<ul style="list-style-type: none"> • Plastic Housing, Weight: 0.2kg • Dimensions (L x W x H)= 62 x 170 x 34 mm
Volume measurement chamber	480mL
Dimensions Sample Cup	Diameter 80mm x Height 95mm
Protection Class	IP54
21CFR 11	Not Compliant