

a_w -measurement newly defined!

For more than 40 years Novasina is the leader in the production of precision instruments for water activity measurement in foodstuff as well as drugs, chemical products and cosmetics. Thanks

to a longstanding experience and research and development we are able to offer today reliable, high quality "Swiss made" products that set new standards in the water activity measurement.

LabSwift-aw

Portable water activity measurement device



Novasina is proud to present the newest product for water activity measurement. Never before the water activity measurement was so simple and fast. The latest sensor and measurement technology together with an intuitive and simple handling allows the measurement of the important quality parameter " a_w -value".

The **LabSwift-aw** with its ergonomic design offers the possibility for portable measurements thanks to the optional lithium-ion battery. All data of a measurement, including the desired protocols are stored on a SD card and can be transferred to a PC or printer. A special program is available for the analysis of these data. The evaluation can also be done by a spreadsheet with Excel. This assures the full quality assurance and traceability of all measurement data.

The **LabSwift-aw** impresses with speed, high measurement accuracy, reproducibility and robustness. Consequently this system sets new standards for the portable a_w -value measurement.

Advantages :

- ☑ Fast and precise a_w -measurement thanks to the worldwide unique "Novalyte" measurement technology
- ☑ Highest reliability and long term stability
- ☑ Easy handling and intuitive menu structure
- ☑ Ergonomic housing design
- ☑ Portable, handy and long life battery powered
- ☑ Large LCD - Display
- ☑ Data logging function with SD card
- ☑ Factory calibration at 6 a_w -value points
- ☑ Checking, testing and adjusting possibilities (SAL-T humidity standards)
- ☑ Widely maintenance free / simple cleaning
- ☑ Outstanding cost-performance ratio
- ☑ Standardised sample volume



Portable a_w -measurement instrument **LabSwift-aw**

novasina
The Art of Precision Measurement

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Specifications LabSwift-aw :

	A_w -value	Sample temperature
Measuring principle :	Resistive - electrolytic	Surface Infrared-measurement + NTC
Measuring range :	0.03 1.00 a_w	5....45 °C (41.....113°F)
Accuracy:	$\pm 0.010 a_w$	± 0.15 °K
Range :	0.10..... 0.95 a_w (10 ...95% rh)	0..... +50°C
Resolution :	$\pm 0.001 a_w$	± 0.1 °C
Accuracy of control :	No temperature control available	
Mains supply :	5 VDC $\pm 6\%$ max. power requirement : 4 W Lithium ion battery 1700 mAh with protection control & "auto load"	
Power supply :	90....264 VAC, 50 / 60 Hz, output -> 5 VDC	
Display :	Reflective, high contrast LCD - display, dimension: 35x69 mm	
Operating :	3 multi-function keys including On / Off	
Communication :	SD card interface type : SD / SD _{HC} data system: FAT-16 / FAT-32	
Housing :	Two-part PVC design housing, measurement chamber aluminium	
Weight:	1.2 kg Dimension approx. : 225 x 140 x 85 mm	
Protection class :	IP 30	
Measuring chamber :	Volume 21.1 ml standardised sample dishes Spring-loaded measurement head (diameter 40 x 12 mm)	
Special feature :	Intelligent „Novalyte“ measurement sensor CM-2 with calibration point memory	



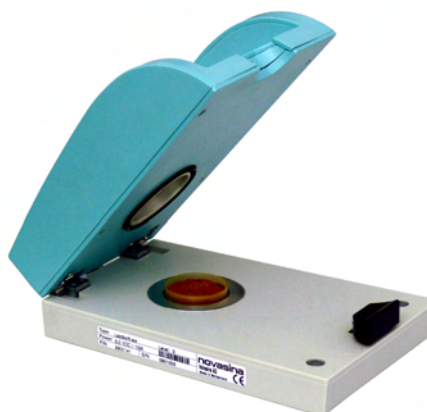
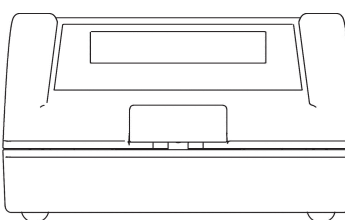
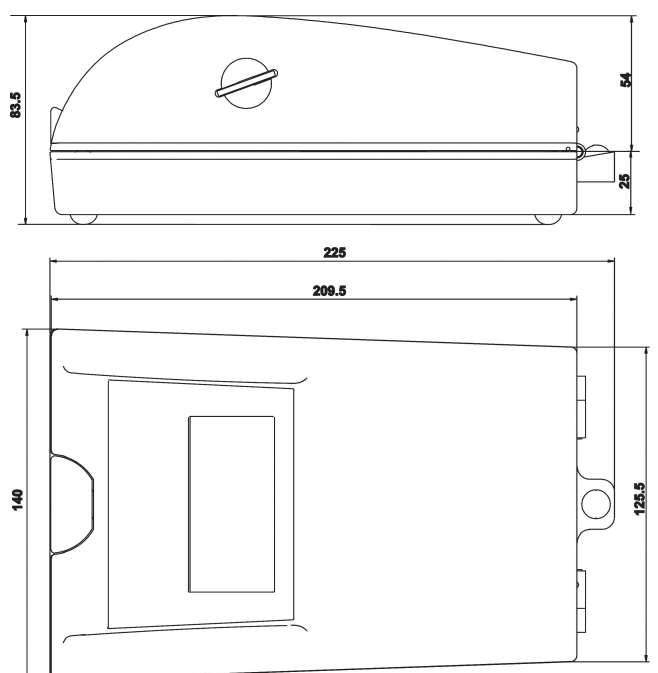
Accessories + Options

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Humidity Standards

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Mobile power supply (battery set)	260 0187	Humidity Check SAL-T 11% RH	111 0930
Novalog MC visualisation for PC	260 0188	Humidity Check SAL-T 33% RH	111 0932
Replacement sensor CM-2	111 9983	Humidity Check SAL-T 58% RH	260 0189
Power supply Euro-plug	260 0181	Humidity Check SAL-T 75% RH	111 0936
Power supply US-plug	260 0182	Humidity Check SAL-T 90% RH	111 0938
Protection filter eVC-21	111 1001	with UKAS certificate :	
Protection filter eVC-26	111 1003	Humidity Check SAL-T/C 11% RH	111 1056
Protection filter eVALC	111 0995	Humidity Check SAL-T/C 33% RH	111 1057
Pre-filter white 5 pieces	260 0183	Humidity Check SAL-T/C 58% RH	260 0190
Tension ring	260 0210	Humidity Check SAL-T/C 75% RH	111 1063
ePW sample dishes 100 pieces	111 0601	Humidity Check SAL-T/C 90% RH	111 1065



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