

# $a_w$ -measurement simple as never before!

For more than 50 years Novasina is the leader in the production of precision instruments for water activity measurement in foodstuff, processed food as well as pharmaceutical, 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.

## LabTouch-aw

Smart water activity measurement device



Let's welcome the next generation of high quality **water activity meters** made by Novasina. Touch a new world, driven by the ease of use and fast menu access by a **touch-screen** combined with a **semi-temperature-stabilised** measurement chamber for consistent and reproducible measurement results ( $a_w$ -value). The latest sensor and measurement technology coupled with re-useable humidity calibration standards provide a very economical solution to precision water activity measurements. Furthermore, the standards are an easy method for double-checking the instrument and sensor's high performance.

The **LabTouch-aw**, with its ergonomic design and the touch-screen, makes water activity measurements easier than ever before. Semi-temperature-control and active sample temperature measurements, by an integrated infrared sensor, provide the highest possible reliability of measurements.

All measurement data, including the important protocols are stored on a SD card and can be transferred to a PC or printer. Special software is available for viewing results and analysis of the data. This assures confidence in readings for quality assurance and traceability of all measurement values.

In summary, the **LabTouch-aw** assures high measurement accuracy and reproducibility, long-term stability, ease of use and an economical measurement system. Get ready for the new standard for **aw-value** measurement

### Advantages :

- Easy accessible menus by large touch-screen
- Semi-temperature-stabilized measurement chamber
- Re-usable SAL-T humidity standards and long-life sensor for economy
- Fast and precise aw-measurement thanks to the worldwide unique "Novalyte" measurement technology
- Specific chemical sensor protection filters available
- Calibration data is stored on the sensor
- Data logging function with SD card
- Factory calibration at 7  $a_w$ -value points
- Checking, testing and adjusting possibilities (SAL-T humidity standards)
- Visualization and analysis software "Novalog MC"



Accurate  $a_w$ -measurement instrument  
**LabTouch-aw**

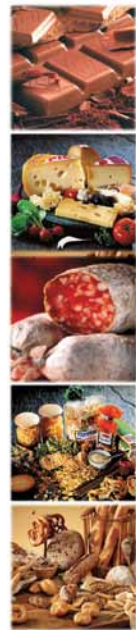


**novasina**  
The Art of Precision Measurement

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## Specifications LabTouch-aw :

	<b>A<sub>w</sub>-value</b>	<b>Sample temperature</b>
Measuring principle :	Resistive - electrolytic	Surface Infrared-measurement + NTC
Measuring range :	0.03 ..... 1.00 a <sub>w</sub>	5...45 °C ( 41.....113°F )
Accuracy:	+/- 0.005 a <sub>w</sub>	+/- 0.15 °K
Range :	0.10.... 0.97 a <sub>w</sub> (10 ...97% rh)	0... +50 °C
Resolution :	0.001 a <sub>w</sub>	0.1 °C
Accuracy of temp. control :	+/- 0.05°C	Semi-temperature control, programmed temperature must be always +2°C above environmental temperature!
Mains supply :	5 VDC +/- 6%	max. power requirement : 10 W
Power supply :	90....264 VAC	50 / 60 Hz, output -> +5 VDC
Display :	4.3"	color LC-Display
Operating :	System start	-> open chamber Touch screen and easy accessible menu structure
Communication :	SD card	type : SD / SD <sub>HC</sub> data system: FAT-16 / FAT-32
Housing :		Two-part PC/ABS design housing measurement chamber aluminium anodized
Weight:	2.8 kg	
Protection class :	IP 22	Dimension approx. : 300 x 200 x 105 mm
Volume	21.1 ml	standardised sample dishes
Measuring chamber	40 x 12 mm	Spring-loaded measurement head
Special feature :	Intelligent „Novalyte“ measurement sensor <b>CM-2</b> with calibration point memory	

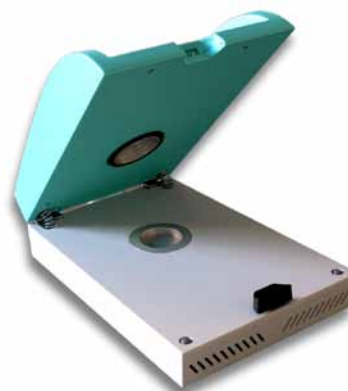
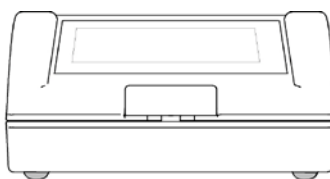
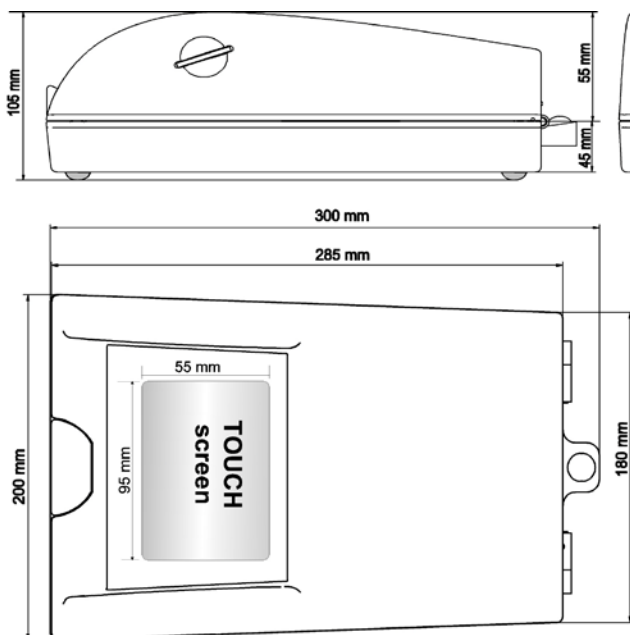


### Accessories + Options

	Article-Nr.
SD memory card	<b>260 0193</b>
Novalog MC visualisation for PC	<b>260 0188</b>
Replacement sensor CM-2	<b>111 9983</b>
Power supply universal	<b>260 0505</b>
Protection filter REDOX	<b>111 7212</b>
Protection filter eVC-21	<b>111 1001</b>
Protection filter eVC-26	<b>111 1003</b>
Protection filter eVALC	<b>111 0995</b>
Pre-filter white 5 pieces	<b>260 0183</b>
Tension ring	<b>260 0210</b>
ePW sample dishes 100 pieces	<b>111 0601</b>

### Humidity/aw Standards

	Article-Nr.
Humidity Check SAL-T 11% RH	<b>111 0930</b>
Humidity Check SAL-T 33% RH	<b>111 0932</b>
Humidity Check SAL-T 58% RH	<b>260 0189</b>
Humidity Check SAL-T 75% RH	<b>111 0936</b>
Humidity Check SAL-T 84% RH	<b>111 9886</b>
Humidity Check SAL-T 97% RH	<b>111 9987</b>
<b>with UKAS certificate :</b>	
Humidity Check SAL-T/C 11% RH	<b>111 1056</b>
Humidity Check SAL-T/C 33% RH	<b>111 1057</b>
Humidity Check SAL-T/C 58% RH	<b>260 0190</b>
Humidity Check SAL-T/C 75% RH	<b>111 1063</b>
Humidity Check SAL-T/C 84% RH	<b>260 0276</b>
Humidity Check SAL-T/C 97% RH	<b>111 9981</b>



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