a$_w$-measurement
get it started!

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.

LabStart -aw

Simple water activity measurement device

A good start is essential for every project and undertaking. That is why the *Lab*Start-aw has been developed to introduce quality managers, production personnel and laboratory technicians to water activity measurement. This instrument is simple-to- operate, providing basic measurement functions, yet still having built-in automatic equilibrium detection and the well-proven resistive-electrolytic sensor technology as employed in all Novasina water activity meters. As standard, the *Lab*Start-aw is supplied with one re-useable humidity calibration standard which provides a very economical solution to precision water activity measurements in one simple kit. Furthermore, the calibration standard is an easy method for verification of the instrument's high performance.

Optional chemical protection filters assist with high solvent – content samples, as well as accurate water activity detection with high repeatability.

Although the *Lab*Start-aw is a starter instrument, it offers great value, is simple and easy-to-use. Are you ready to begin your **water activity** measurements?

Advantages :

- Fast and precise aw-measurement thanks to the worldwide unique "Novalyte" measurement technology
- Automatic equilibrium detection for improved measurement reliability
- Re-usable SAL-T humidity standards and long-life sensor for economy
- Specific chemical sensor protection filters available
- Calibration data is stored on the sensor
- Checking, testing and adjusting possibilities (SAL-T humidity standards)
- Housing with stable and robust base plate

Simple and easy a$_w$-measurement instrument
*Lab*Start-*aw*

Specifications LabStart-aw :

	A_W-value	Sample temperature
Measuring principle :	Resistive - electrolytic	NTC *(only)*
Measuring range :	0.03 ...... 1.00 a_w	15....30 °C (59......86°F)
Accuracy: Range :	+/- 0.03 a_w 0.20.... 0.80 a_w (20 ...80% rh)	+/- 0.15 °K 0... +50°C
Resolution :	0.01 a_w	0.1 °C
Accuracy of temp. control :	no temperature control available	
Repeatability a_w:	+/- 0.01 a_w	
Mains supply :	5 VDC +/- 6% max. power requirement : 4 W	
Power supply :	90....264 VAC 50 / 60 Hz, output -> +5 VDC	
Display :	Reflective, high contrast LC-Display, dimensions: 35 x 69mm	
Operating :	3x multi-function keys including ON/OFF	
Communication :	no communication opportunities	
Housing :	Two-part PC/ABS design housing, measurement chamber aluminium anodized	
Weight:	2.8 kg, dimensions approx. : 300 x 200 x 105 mm	
Protection class :	IP 22	
Sample volume	21.1 ml standardised sample dishes	
Measuring chamber :	40 x 12 mm Spring-loaded measurement head	
Special feature :	Intelligent „Novalyte" measurement sensor **CM-4** *with calibration point memory*	

Order code LabStart-aw   **260 0992**

Accessories + Options	*Article-Nr.*
Replacement sensor CM-4	**260 0995**
Power supply universal plug	**260 0505**
Protection filter REDOX	**111 7212**
Protection filter eVC-21	**111 1001**
Protection filter eVC-26	**111 1003**
Protection filter eVALC	**111 0995**
Pre-filter white 5 pieces	**260 0183**
Tension ring	**260 0210**
ePW sample dishes 100 pieces	**111 0601**

Humidity/aw Standards	*Article-Nr.*
Humidity Check SAL-T 58% RH	**260 0189**
Humidity Check SAL-T 75% RH	**111 0936**

with UKAS certificate :

Humidity Check SAL-T/C 58% RH	**260 0190**
Humidity Check SAL-T/C 75% RH	**111 1063**