

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 *LabStart-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 *LabStart-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 *LabStart-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 a_w -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
LabStart-aw

novasina

The Art of Precision Measurement

Neuheimstrasse 12
CH-8853 Lachen SZ
Tel: +41 (0)55 642 67 67
Fax: +41 (0)55 642 67 70
info@novasina.ch / www.novasina.com

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:	+/- 0.03 a _w	+/- 0.15 °K
Range :	0.20.... 0.80 a _w (20 ...80% rh)	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

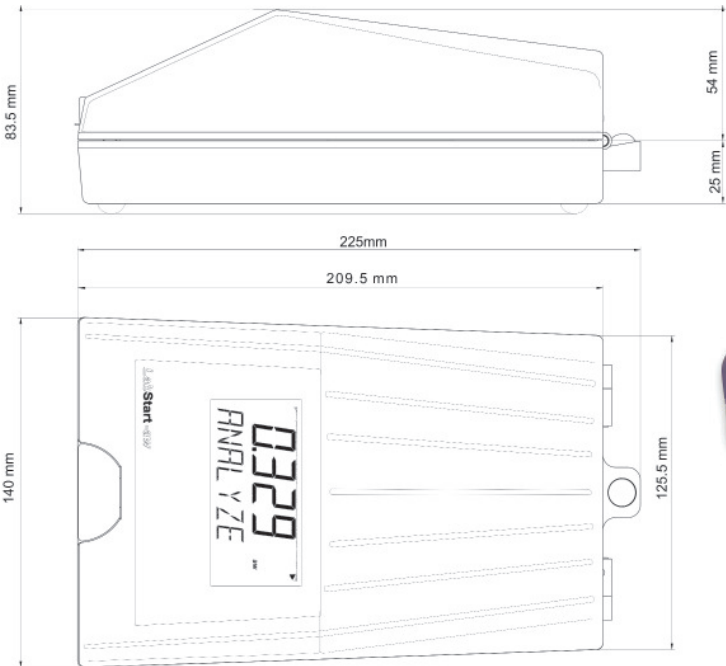
Replacement sensor CM-4	260 0995
Power supply universal plug	260 0505
Protection filter REDOX	111 7212
Protection filter eVC-21	111 1001
Protection filter eVC-26	111 1003
Protection filter eVALC	111 0995
Pre-filter white 5 pieces	260 0183
Tension ring	260 0210
ePW sample dishes 100 pieces	111 0601

Article-Nr.

Humidity/aw Standards

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

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Novasina AG, Neuheimstrasse 12, CH-8853 Lachen, Switzerland
Phone +41-55-642 67 67, Fax +41-55-642 67 70, e-mail: info@novasina.ch, www.novasina.com

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