

# Novasina **LabMASTER-aw Neo**

The new global standard in water activity:  
highest precision, best performance & CFR compliant



**Food  
Hygiene**

**Pharmaceuticals  
Petrochemical**

**Confectionery  
Bakery**

Please see our website for water activity tutorials: [www.novatron.co.uk](http://www.novatron.co.uk)

- Long proven measuring technology with unique **Novasina sensor system**
- New touch-screen intuitive operation with in-built **operating guide on-screen**
- Measuring range 0.03 to 1.0 aw and 0 – 60°C with **accuracy 0.003 aw**
- Quick mode for sample tests in **maximum 10 minutes**
- Fully **21 CFR11 compliant** audit trail
- Re-useable, factory-safe **UKAS calibration salts** with RFID chip for identification
- Highly resilient to non-aqueous volatiles used as additives and preservatives
- Import/export SD card** and internal memory holding complete user history
- On site service, calibration, IQ/OQ, fully **ISO9001 and UKAS 17025 accredited company**

## LabMASTER-aw Neo

*High-precision, fast, CFR compliant and easy to use !*

A well-proven laboratory precision instrument for reproducible, precise aw measurements under accurately controlled temperature conditions for all types of food product, cosmetics as well as dry pharmaceutical materials. The **LabMASTER-aw Neo** is the only instrument that enables measurements under precisely controlled chamber temperature conditions, selectable in the following range: 0°C to 50°C, with a precision of 0.2K.

The device and its sensor are very robust and have an excellent long-term stability. The Novasina electrolyte sensor delivers essentially hysteresis-free measurements. The implemented user management systems allows a simple and intuitive operation.

The new large, touch-screen graphic LCDisplay gives a clear overview. The menu software is simple and intuitive.

For a connection to a printer or a PC, an RS-232 or USB interface is built into the device. A PC-Software for Win9x/2000/NT/XP is included in the instrument delivery.

Examples of aw measurement samples:

- **All forms of pastry and baked goods**
- **Meat and sausages**
- **Cheese**
- **Fruit concentrates**
- **Dried foodstuffs**
- **Drugs**
- **Cosmetics**



**Re-useable UKAS  
certified calibration  
salts**



**Unique Novasina  
CM2 precision  
sensor system;  
resilient to volatiles,  
fast response within  
10 mins**



**Full on-site service,  
calibration,  
validation, IQ/OQ**



### **LabMASTER-aw Neo instrument:**

Surface area: width 26, depth 44 cm  
Weight : 6 kg  
Mains supply: 90V...260V, 50/60Hz,  
wide range power supply

### **Humidity sensor:**

Electrolyte measurement cell CM-2  
Range : 0.03...1.00aw  
in the range of  
0...60°C.  
Repeatability : +/- 0.002aw  
Accuracy : +/- 0.003aw at 25°C  
when fully calibrated  
Resolution : 0.001aw / 0.1°C

### **Temperature sensor:**

Precise NTC resistor  
Range : -20...80°C  
Repeatability : +/- 0.1°C  
Accuracy : +/- 0.3°C  
Resolution : 0.1°C

### **Humidity standards for calibration:**

SAL-T salt tablets:  
Saturated pure salt solutions, based on national  
standards. Novasina recommends the following  
calibration values:

6%, 11%, 33%, 58%, 75%, 84% and 97% rh

***We supply 2 x UKAS certified  
calibration standards with every  
new instrument.***

**NOVATRON**  
SCIENTIFIC



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