



**sartorius**  
mechatronics

## LabMASTER-aw system\*

Smart. Intuitive. Dependable.



- Quality water activity measurements for quality management, research and production optimization
- Selectable temperature control from 0°C to 50°C
- Resistive electrolyte sensor delivers essentially hysteresis-free measurements
- Multi Channel system to network up to 10 instruments

\*Manufactured by Novasina, [www.novasina.com](http://www.novasina.com)  
and distributed exclusively by Sartorius Mechatronics

[www.sartorius-omnimark.com](http://www.sartorius-omnimark.com)

Tel (303) 876-5396  
(800) 835-3211  
Fax (631) 253-5263

5 Orville Dr.  
Bohemia, NY 11716

# LabMASTER-aw system

The newest laboratory precision instrument for highly reproducible and accurate water activity measurements under precisely controlled temperature conditions. The LabMASTER-aw offers the most widely accepted electrolyte technology as a result of decades of research and experience in sensor technology. Applicable for all types of foods, cosmetics and dry pharmaceutical materials.

A professional laboratory analyzer for accurate measurement of water activity in food and pharmaceutical products.

A fast and flexible water activity analyzer with proven measuring technology for accurate, reproducible measurements at a precisely controlled chamber temperature.



Easy access sample chamber with new electrolyte cell. Intelligent sensor maintains all calibration data. A separate conditioning chamber to bring the next sample to the same temperature.



A modular system, one LabMaster-aw can interface with up to nine other LabPartner-aw for high volume laboratories.



Large 1/4 VGA display for easy viewing of results, graphs and setup screens. Functional keypad for simple operation and intuitive menu-driven setup software. Password protection of setup and critical parameters.



A number of chemical filters are available to protect the measurement cell from dust or chemicals such as mineral acids, halogens, oxidizing agents or corrosive substances that can damage the cell.

## **In-House Testing:**

Sartorius will test your material and provide the data free of charge.

## **Free Demonstrations:**

Call for a free demonstration of a Sartorius product at your location.

[info@sartorius-omnimark.com](mailto:info@sartorius-omnimark.com)  
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## **Specifications**

Measuring range	0.03...1.00 aw
Measurement chamber temperature selectable	0...50°C, +/- 0.2 K
Sensor	CM-2 electrolyte resistive measurement cell
Accuracy	+/- 0.003 aw, 0.2°C at 29°C when fully calibrated
Calibration	automatic up to 15 points between 4 and 98% rh
Repeatability	+/- 0.002 aw
Communications	RS-232C, PC Software