

APPLICATION OVERVIEW – WHICH IS THE RIGHT INSTRUMENT FOR YOU

Every sample has its own characteristics in terms of ingredients, texture, color and taste. These in turn influence the water activity each in a different way. These factors, plus the temperature influence, define the measurement time and the accuracy of the tests. This overview is intended as an initial recommendation and not a final assessment of which device is best for your specific application.

Novasina offers five types of water activity meters, carefully developed and designed, offering the most suitable solution to customers' samples and requirements.



LabMaster-aw neo

Top instrument with full temperature-controlled chamber 0-60°C, 21CFR11 compliant audit trail and user management plus automatic calibration and verification features. It can handle all types of samples from 0.0030 to 1.0000aw. Measurement accuracy +/- 0.0030aW.



LabTouch-aw

Semi-temperature controlled measurement chamber 5-45°C with heating only, optimized for the measurement of aw values in the range of 0.06 to 0.97aw. Measurement accuracy +/- 0.005aW.



LabSwift-aw

Portable aw-meter with no sample temperature control, thus environmental (lab) temperature is the measurement temperature. Suitable for low to medium aw-measurement in ranges of 0.11 to 0.90aw. Measurement accuracy +/- 0.01 aW.



LabStart-aw

Portable aw-meter with no sample temperature control, thus environmental (lab) temperature is the measurement temperature. Suitable for low to medium aw-measurement in ranges of 0.20 to 0.80 aw. Measurement accuracy +/- 0.03 aW.



ClimMate Set aw

Portable handheld measurement instrument incl. big sample-Box and nSens-HT technology and integrated graphic- & datalogger function. No temp. control. Range: 0.11 to 0.90aw.

APPLICATIONS

LEAN MEAT (FRESH, DRIED, PROCESSED)	👍	👍	👎	👎	👎
FATTY MEAT (SAUSAGES, ETC)	👍	👎	👎	👎	👎
BAKERY PRODUCTS WITH FILLINGS AS JAM, ETC.	👍	👍	👎	👎	👎
BREAD AND BREAD PRODUCTS	👍	👍	👍	👍	👍
CEREALS	👍	👍	👍	👍	👍
FISH	👍	👍	👎	👎	👎
CHOCOLATE & CONFECTIONARY	👍	👍	👍	👎	👍
POWDER, SPICES AND DRIED PRODUCTS	👍	👍	👍	👍	👍
MILK POWDER, DRY DAIRY PRODUCTS	👍	👍	👍	👎	👎
YOGURT, CHEESE, PROCESSED MILK	👍	👎	👎	👎	👎
PET FOOD	👍	👍	👎	👎	👎
PHARMA PRODUCTS (API,...)	👍	👎	👎	👎	👎
HYGIENE PRODUCTS (EMULSION, CREAMS,..)	👍	👎	👎	👎	👎

To find the right setup and protect the sensor from volatiles, please check our filter selection data sheet with our filters and the regeneration kit. Contact us or one of our partners in your region to clarify open questions and to give you a recommendation for the water activity measurement for your specific application.