

Water Activity Meter



Application:

Water activity meter, indicating the free moisture content of food when stable, measuring the potential for microbial growth. Food formulators use water activity to predict how much moisture migration will impact their products, thus selecting appropriate packaging and storage methods to reduce the use of preservatives.

Advantages:

Measurements can be performed on liquids, solids, powders, etc.

Specifications

Model		AST-3A	ASTWAM4
Display		LCD display	
Work Environment	Temperature Range	0 ~ 50°C	-10°C~50°C
	Relative Humidity	0~ 95%RH	
Measuring Range	Temperature Range	0 ~ 50°C	-10°C~50°C
	Water Activity	0 ~ 0.980 aw	0 ~ 1.000 aw
Measurement Accuracy	Temperature Range	±0.5°C	±0.3°C
	Water Activity	±0.015 aw(at 25°C)	±0.012 aw(at 23°C±5 °C)
Repeatability		≤0.015	≤0.006
Temperature Coefficient		≤0.0005/°C	
Measurement Points		1	1~4
Measurement Time		5 ~ 40min	
Standard Accessories		Micro printer, one sensor	Data cable, micro printer, one~four sensors
Print Function		1.Print at the end of the measurement, 2.Real-time print	
Correction Mode		Single-point calibration	Multi-point joint calibration, single-point calibration
Interface		/	RS232, USB
Power Supply		AC100 ~ 230V±10% 50/60Hz	
Consumption		15W	10W
Shipping size(W×D×H)(mm)		540x450x240	740x450x240
G.W. (kg)		10	15