



Water Activity Meter LD-LWAM-A10

Labodam Equipment Ltd.
info@labodam.com | www.labodam.com

Water Activity Meter LD-LWAM-A10

Overview

Water Activity Meter with Sensor LD-LWAM-A10 is a single-point measurement unit with 0 to 0.980 aw of water activity (no condensing) measuring range and ± 0.015 aw measurement accuracy. The temperature range is from 0 to 50°C and offers $\pm 0.5^\circ\text{C}$ measurement accuracy. Designed with high brightness LCD display and high precision sensor. To measure water activity of food items, and to study, the reaction of food stability and the possibility of microbial proliferation, and changes in food quality to measure the ability of microorganisms to endure dryness.

Features:

- Designed with single-point measurement, adopts high precision sensor
- Offers quick calibration and measurement
- Adopts high brightness LCD display
- Reasonable structure design provides easier operation
- It ensures stable and reliable performance
- Offers long life, high accuracy, solid, liquid, powder are measurable
- Equipped with printer, convenient to record data

Applications:

Water Activity Meter with sensor is used to reflect the amount of free water in food under balance state, the stability of food and the possibility of microbial reproduction in food, changes in chemical, enzyme and physical state that can cause the change of food quality. Also used to limit preservatives, to determine the food, grain, fruit and vegetable shelf life.

Specifications:

Weight	11 kg
Display	Large screen LCD
Dimension	320 × 120 × 340 mm
Output mode	Micro printer
Power supply	220 V AC $\pm$ 10 %
Print method	Measurement of the end of print Real-time print
Repeatability	± 0.015 aw
Measuring range	Water activity 0 to 0.980 aw (no condensing)
Power consumption	≤ 15 W
Relative Humidity	0 to 95 % RH

Temperature range	0 to 50 °C
Measurement points	1
Packaging dimension	540 × 420 × 240 mm
Measurement accuracy	± 0.015 aw
Temperature accuracy	± 0.5°C
Temperature coefficient	? 0.0005/°C