SISCO

Water Activity Meter RAW700

User´s Manual

Version: V1.1

Date: 2023.02

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Introduction

It is a portable water activity meter, which can measure the water activity of solid (powder, granular, block), liquid and pasty samples. It is mainly used for the effective moisture that microorganisms can use or participate in chemical reactions in the reaction equilibrium state, product stability and microbial reproduction ability. Widely used in food processing, feed production, chemical and pharmaceutical, scientific research, experiments and other occasions.

Features

- Color LCD with display.
- The water activity value and the sample temperature value are displayed simultaneously.
- The backlight brightness can be adjusted.
- High-accuracy measurement sensor.
- 0.02aw accuracy.
- 0.01aw resolution.
- The measuring time is 5 minutes for general sample.
- Measurement completion, automatic storage.
- Measurement completion, automatic hold.
- With battery indication function.
- With automatic power off function.

Descriptions

1	Color LCD	5	Sample Chamber
2	Power/Backlit Key		
3	Start/Stop Key		
4	DATA Key		

Specifications

Display		Color LCD
Sensor		Non-conductive Humidity Sensor
Range	Water Activity	0.00～1.00aw
Accuracy	Water Activity	±0.02aw
Resolution	Water Activity	0.01aw
Measuring Time		5 Minutes (General Sample)
Storage		99 Groups (Automatic Storage)
Automatic Power Off		10 Minutes (No Operation)
Operating Conditions		0～50°C 0～80%RH (No Condensation)
Storage Conditions		-10～60°C 0～90%RH (No Condensation)
Power Supply		3×1.5V AAA(UM4) Battery
Size	Main Unit	75×23×151mm
	Sample Cup	φ35mm
Weight		290g (Not Including Batteries)
Standard Accessories		Main Unit×1, Sample Cup×5, Manual×1, Carrying Case×1

Instruction

- Power On：press and hold the【Power/Backlit】key.
- Power Off：press and hold the【Power/Backlit】key for 3 seconds.
- Backlit Brightness Adjustment：short press the【Power/Backlit】key to adjust the backlit brightness. The brightness adjustment sequence is 100%→60% cyclic.

Measurement

- Enter the Measurement Interface：after powering on, it will enter the Measurement Interface automatically.
- Start Measuring：short press the【START】key to start measuring, and the "RUN" symbol appears on the LCD.
- Stop Measuring：short press the【START】key again to stop measuring, and the "STOP" symbol appears on the LCD.
- Complete Measuring：the "DONE" symbol will appear on the LCD, and you will hear 3 beeps. (Note: Measurement completion, automatic storage.)

Data Viewing

- Enter the Data Viewing Interface：in the Measurement Interface, press and hold the【DATA】key to enter the Data Viewing Interface.
- View the Previous Data: short press the【START】key to view the previous data.
- View the Next Data: short press the【DATA】key to view the next data.
- Exit the Data Viewing Interface：in the Data Viewing Interface, press and hold the【DATA】key to exit the Data Viewing Interface.

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Battery Replacement

1. When the battery is low, it is necessary to replace batteries in time.
2. Unscrew the top screw and open the back cover.
3. Replace the new batteries correctly according to "+" and -" in the battery compartment.
4. If the meter will not be used for a long time, please remove the batteries to prevent the batteries from rot and damage the meter.

Battery Symbol	Descriptions
	The battery is high.
	The battery is medium.
	The battery is low.

Cleaning

To avoid damage, do not use abrasives or solvents for cleaning the meter. Do not disassemble the meter without authorization, the wrong method will cause mamade damage.

Services

If you want to know more services, please contact with services sisco.com

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