

USER MANUAL

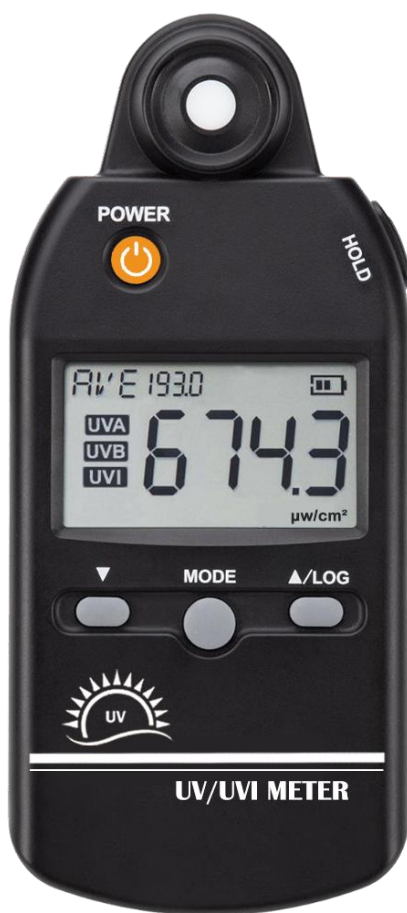


TABLE OF CONTENTS

INTRODUCTION	1
ESSENTIAL FEATURES	2
DEVICE AT A GLANCE	2
OPERATING INSTRUCTIONS	2
1.BATTERY INSTALLATION	2
2.ON/OFF	2
3.THREE TYPES OF MEASUREMENTS	3
4.AVE, MAX, MIN MEASUREMENTS	3
5.VIEW RECORD DATA	3
6.RES (CLEARING LOGGED MEASUREMENTS)	3
SPECIFICATIONS	4
ACCESSORIES LIST	4
DISCLAIMERS	5
SAFETY PRECAUTIONS	5

INTRODUCTION

Hello there! Thank you for choosing our products!

Our products are packaged and shipped with the utmost care. In the unlikely event that your item is incorrect, incomplete, or unsatisfactory, please contact us and we will see to fix it immediately.

This UV/UVI meters has been rigorously calibrated and tested, it can be used to monitor lamp irradiance and aging for UV sterilization, reptile husbandry, indoor tanning, red/blue light phototherapy, UV curing and UV Index.

✓ To ensure safety, please read this manual carefully before installation and follow the instructions herein.

✓ Store this manual in a secure place for future reference.

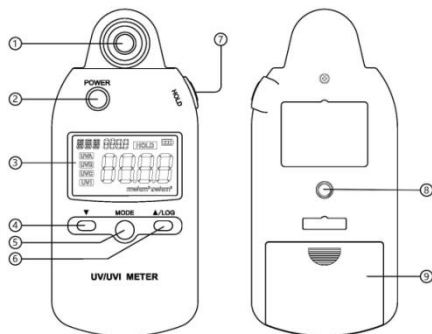
✓ **WARNING: CHOKING HAZARD** - Accessories contain small parts.

✓ This manual is printed by color ink; water will smudge.

ESSENTIAL FEATURES

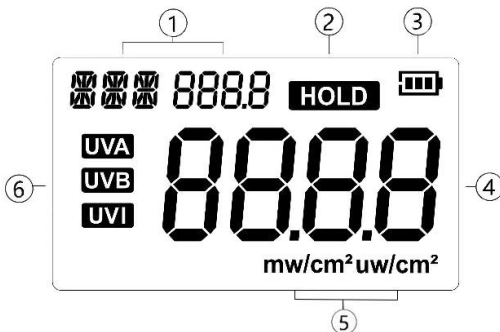
- ✓ Easy operation with a clear display and compact design.
- ✓ Records up to 100 measurements.
- ✓ UV Index tracking over time.
- ✓ Includes a "Hold" function.
- ✓ Automatically measures MAX, MIN, and AVERAGE values at startup.
- ✓ Easy switch to check UV and UVI reading.

DEVICE AT A GLANCE



1. UV Sensor
2. Power Button
3. LCD Display
4. Down Button
5. Mode Button
6. Up/LOG Button
7. HOLD Button
8. Tripod Socket 1/4 "
9. Battery Cover

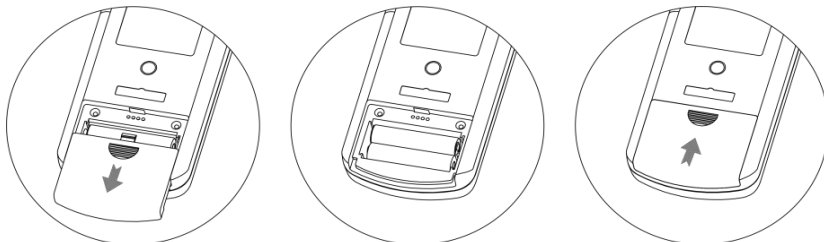
1. AVE, MAX, MIN, REC
2. HOLD icon
3. Battery Indication
4. Real-Time Measuring Value
5. Measuring Unit
6. UV/ UVI switch icon



OPERATING INSTRUCTIONS

1. BATTERY INSTALLATION

Open the battery cover and insert two AAA batteries.



1. Open the battery cover
2. Insert two AAA batteries into the battery compartment.
3. Close the battery cover

2. ON/OFF

Press the POWER button to turn on the device.

Press and hold the POWER button for 3 seconds to turn off the device.



The device will shut down automatically if there no operation in 3 minutes.

3. THREE TYPES OF MEASUREMENTS

① REAL-TIME MEASUREMENTS:

The reading will change dynamically per second when the sensor at different positions, until you press the HOLD button.



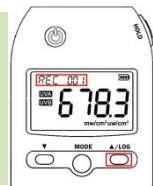
② **SWITCH UV/UVI:** Short press MODE key to check UV(UVA/UVB) or UVI reading.

③ **HOLD MEASUREMENT:** Press the HOLD button to capture the reading of last dynamic measurement.

Press the HOLD button again to resume real-time measurements.



④ **REC (RECORD MEASUREMENTS):** Press the ▲/LOG button to manually store the data. The last logged measurement index is shown next to "REC" at the top of the screen, initially is "000", updates to "001" after the first measurement, up to 100 measurements.

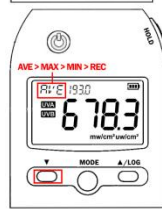


4. AVE, MAX, MIN MEASUREMENTS

AVE (Average value): Upon startup the device, symbol "AVE" shows at the top of the screen, indicating the average of the measurements.

MAX/MIN: To see the **MAX** and **MIN** values, press the Down(▼) button to cycle between AVE > MAX > MIN > REC.

IMPORTANT: The AVE, MAX, and MIN values only reflect the dynamic measurements, do **NOT** include the measurements stored in the data log.



5. VIEW RECORD DATA

① Long press the MODE button once to enter mode function.

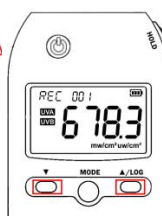
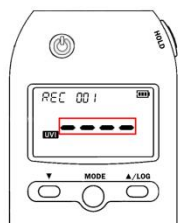
② Press the HOLD button while REC blinks, then index "001" will blink at the top of the screen.

③ Press the DOWN(▼) and ▲/LOG buttons to view the data log. The serial number of the data group viewed at the top of the screen (such as "001") will keep flashing.

When selecting data groups by pressing the up and down keys, the serial number will change accordingly.

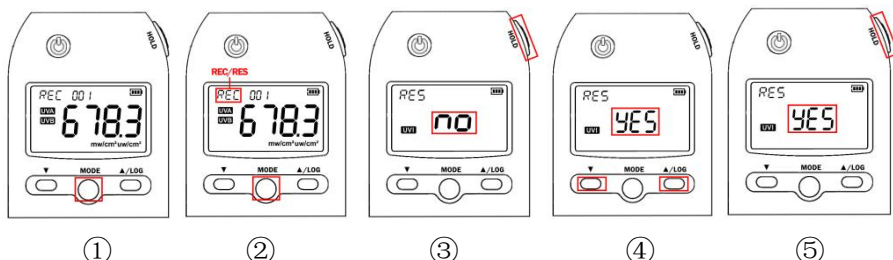
The blinking index and the corresponding measurement will be shown in the center of the display. If no measurement exists at the current index, will display "-----".

④ Press the HOLD key to exit this mode.



6. RES (CLEARING LOGGED MEASUREMENTS)

- ① Long press the MODE button enter mode function.
- ② Short press the MODE button to switch mode option between REC and RES.
- ③ Press the HOLD button while RES blinks to display the word “no”.
- ④ Press either the DOWN(▼) or ▲/LOG button to toggle between “no” and “YES”.
- ⑤ While “YES” is displayed, press the HOLD button to clear the logged data and reset the device.



SPECIFICATIONS

Typical test conditions, unless otherwise specified:

Ambient Temp =23+/-3°C, RH=50%-70%, Altitude=0~100 meter

Operating&Storage	Spec
Operating Temperature	32°F to 122°F (0°C to 50°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Operating & Storage RH	0-95%, non-condensing
UV Measurement	
Repeatability	UV: +/-10 $\mu\text{w}/\text{cm}^2$; UVI: +/-1
Measurement Range	0-5000 $\mu\text{w}/\text{cm}^2$; UVI:0-20
Display Resolution	0.1 $\mu\text{w}/\text{cm}^2$ (0-999.9); 1 $\mu\text{w}/\text{cm}^2$ (100-5000); UVI:1
Measuring Rate	1 measurements per second
Cut-On Wavelength	280+/-10nm
Cut-Off Wavelength	400+/-10nm
Power Requirements	2pcs AAA alkaline battery
Dimension	152x68x23 mm/5.98x2.68x0.91 inches
Weight	127g/0.28pounds (with batteries)

ACCESSORIES LIST

1. UV/UVI Meter Unit

2. User Manual

3. 2 x AAA Batteries

Main unit includes 1/4" screw mount for tripod and selfie stick compatibility.



UV/UVI Meter Unit



User Manual



2 x AAA Batteries

DISCLAIMERS

Please ensure that you are familiar with the operation of your measuring device and do some test measurements to ensure the proper function of the device. If you are using it for quality inspections or for expertise please check if the instrument is calibrated and it is within the defined calibration interval. Our company assumes no liability for consequential damages.

SAFETY PRECAUTIONS

Please read these safety precautions carefully before using your measuring device. This will help you to avoid damaging the product and prevent personal injury.

 This icon identifies important warnings which should be read in any case before the initial start-up of your product.

WARNINGS

 Store the measuring device at a location which cannot be accessed by children. The measuring device and its accessories include parts which can be swallowed. Make sure that these parts (e.g. housing covers, battery etc.) do not fall into the hands of children who might swallow them.

Otherwise, danger of suffocation prevails.

 Avoid any and all contact with liquid crystals. If the display is damaged (e.g. broken), danger of injury due to contact with glass shards or discharge of liquid crystals exists. Make sure that skin, eyes and mouth do not come into contact with the liquid crystals.

 Handle batteries with care.

Rechargeable and normal batteries may leak or explode if handled incorrectly. Please adhere to the following safety precautions:

Only use the batteries which are recommended for this meter. Make sure that the battery is inserted correctly.

Never short-circuit batteries, and never attempt to open a rechargeable or a normal battery.

Do not expose the batteries to excessive heat or open flames.

Do not expose the batteries to moisture; never immerse batteries in water.

If the meter is not used regularly, remove the battery and close the battery compartment cover. Never store batteries together with metallic objects which might cause short-circuiting.

Danger of leakage exists, especially in the case of empty batteries. In order to prevent damage to the measuring device, batteries should be removed when fully depleted or in case of lengthy periods of non-use.

When not in use, batteries should be stored in a cool place.

Batteries heat up during use and may become hot. Be careful not to burn yourself when removing batteries. Switch the measuring device off or wait until it has shut itself down, and then wait a bit longer until the battery has cooled down.

Do not use batteries which show any signs of damage such as discoloration or deformation of the housing.

 This icon indicates that this product must be disposed of separately.

A YEAR WARRANTY: Please contact us if you have any issue of the device, we will resolve your issue ASAP.