

99 Washington Street Melrose, MA 02176 Phone 781-665-1400 Toll Free 1-800-517-8431



USER'S MANUAL



Thank you for purchasing this Digital UV AB Light Meter. Read through this instruction manual before operating the unit. Please also store and retain this instruction manual for future reference.

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176 - FAX 781.665.0780

Visit us at www.TestEquipmentDepot.com

STORAGE FOR SENSOR

The UV sensor is an extremely precise detection instrument. When not in use, store it in a dry environment.

Please keep the manual for future reference.

DANGER WHEN USING THE EQUIPMENT ATTENTION

 $\widehat{\mbox{M}}$ Improper use may endanger the health of third parties! It may also result in damage to the equipment or other material damage.

FEATURES:

The UV-Meter is a mobile, hand-held device for measuring UV irradiation.

- · Socket for tripod mounting
- High and Low measurements range in a unit mW/cm² or μ W/cm²
- · Backlit LCD and 4 Digits dual display
- · 20 points memory
- · Low battery indication
- · Operation with "9V" battery
- · Magnetic mount

SAFETY SYMBOLS



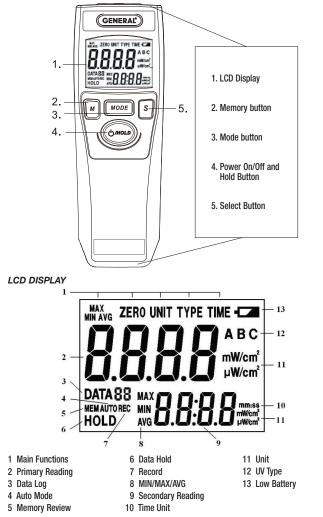
Indicates CE conformity

The device may not be disposed of with the trash. It promotes re-use recycling and other forms of recovery of used materials and components, and improves the environmental performance of all operators (manufacturers, traders and treatment facilities) involved in the life cycle of products. Dispose of the product appropriately in accordance with the regulations in force in your Country.

SPECIFICATIONS:

Indication '-HI-'
Yes
Yes
Approx. 0.3 sec
Backlit LCD and Dual Display
20 points and 1 for interval time
32° to 122°F (0° to 50°C),10 to 90% RH
"9V"
Approx. 3.2 (90g) without battery and detector
5.51 x 1.93 x 1.14" (140 x 49 x 29mm)

CONTROL PANEL



OPERATIONS OF INSTRUMENT

POWER ON

Press (@_Mole) button and hold for 2 seconds. Release the (@_Mole) button after power on. All symbols of LCD will appear for 1 second.

POWER OFF

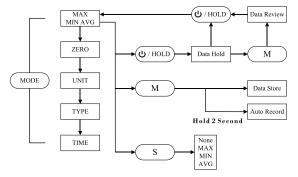
Press (1/Hold) button and hold for 2 seconds. All symbols of LCD will appear and shut down after releasing (1/Hold) button.

MEASUREMENT VALUE

The primary reading always displays the value of measuring. The secondary reading displays the outcomes of the advanced functions or data recording.

MAIN FUNCTION

MAIN FUNCTION DIAGRAM



MAX MIN AVG

MAX/MIN/AVG MEASURING FUNCTION

There are 4 modes of the measuring function. Press the Sbutton to change the mode of measuring:

None \rightarrow Max \rightarrow Min \rightarrow Avg.

DATA HOLD

Press the (1.161) button, the value at Secondary Display will be held and the LCD will show the HOLD symbol. To cancel the hold mode, press the button again.

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Data Review

Press the M button during the hold mode, it will get into the data memory review mode. The LCD will show MEM symbol.

Press the S button to review data 0 to 20. Data 0 is always at stored the interval time after auto recording activated. If the data are automatically recorded, the AUTO symbol appears next to MEM during the review.

DATA STORE

Normal

Press the M button to store the current measurement displayed at Primary Display. The flashing DATA(01~20) icon becomes steady for 2 seconds, and moves to next storage location.

Auto

If automatically recording is required, press the M button and hold for 2 seconds. The LCD will show AUTO symbol next to REC symbol. As show AUTO symbol next to REC symbol. As soon as it reaches 20 data, the system will turn off.

The following record contents will be stored:

- 1. Irradiation intensity
- 2. Maximum, Minimum, Average or none
- 3. Unit

To cancel auto record mode, press the M button again.

ZERO

Zero Adiust

Cover the sensor and press the S button to zero adjust. The Secondary Display will display adjust value*. Press the S button again and hold for 1 second to clear the adjust value. *When the adjust value is over the range. The Secondary display will display "-Err". Please follow the zero adjust step and do it again.

Memory Clear

In Zero Mode, press the M button to clear data 0 to 20.

UNIT

Unit Function

Press the S button to change the unit, µ 2W cm/ or 2mW/cm

TIME

Time Function

Press the S button to set the interval time of auto recording. This function allows you to set 9 different time intervals by pressing the S button.

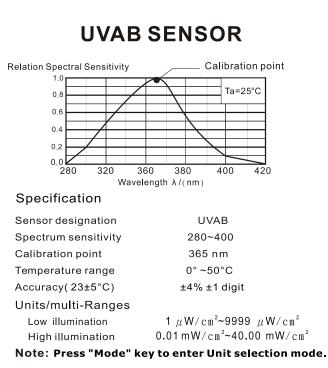
The 9 time intervals are: 1, 2, 5, 10, 30 second or 1, 3, 5, 10 minutes.

MAINTENANCE

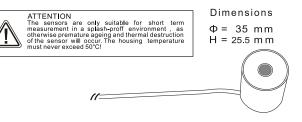
Clean the housing: Use soap and water on a damp sponge or soft cloth. Care should be taken to prevent any liquids or moisture from getting inside the unit.

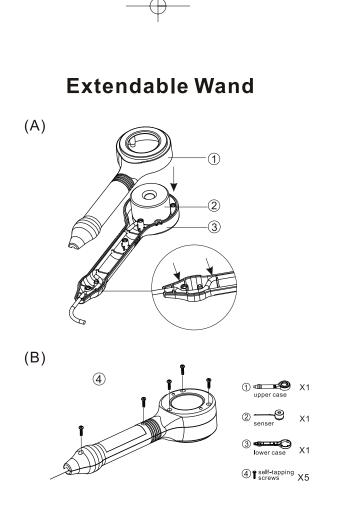
When the battery is low, the battery symbol will be displayed.





Surface sensor





Note:

It is recommended not to assemble and disassemble the wand too many times to avoid wearing out the screw holes.

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