

UV IRRADIANCE METER

- ☐ AM23-UVA
- ☐ AM23-UVA340 (UVA+UVB)
- ☐ AM23-UVB
- ☐ AM23-UVV395 (UVA+UVV)
- ☐ AM23-UVC
- ☐ AM23-UV Full
- ☐ AM23-UVV420
- ☐ AM23-UVA/B/C/UVV

When you buy this UV irradiation timer, you are taking a step forward in the field of precision measurement. This table is a test tool with computer as the core. If it is properly operated, its robustness can be used for many years. Please read this manual carefully before use and keep it in an easily accessible place.

1. FEATURES

The product has been corrected by strict spectrum and Angle characteristics, stable performance and strong applicability. The instrument is suitable for the measurement of ultraviolet irradiance in sterilization, lithography, UV sterilization lamp, mosquito killing lamp water treatment, mosquito killing lamp, shoe factory, leather factory medical treatment, breeding and other fields.

1. The spectrum and Angle characteristics are strictly corrected, and the stability is good
2. Microcomputer technology, low power consumption, high precision
3. Digital LCD display, backlight operation
4. The number has a Hold function, Hold key, lock data, easy to record and compare
5. The instrument comes with USB cable can be directly connected to the computer USB interface (optional)

2. SPECIFICATION

2.1 General Parameters
Display: LCD
screen Power measuring range: 2.000 mW / 20.00 mW, 200.0 mW/cm²
Operating conditions:
Temperature :0-50℃ (32-122°F)
Humidity: Less than 80%RH
Power Supply: 4*1.5AAA batteries
Weight: ≈200g(including battery)
Measurement accuracy: ± 5%
Resolution: 0.1mW /cm²
Standard line: the line length is 1 meter, and the extension must be customized
Sampling time: ≈ 0.5 seconds
Dimensions: Host: 140x70x31 mm Sensor: 59xφ58mm

2.2 Accessories
Standard: Host, instruction manual, portable case
Optional: Bluetooth adapter and software, RS-232

3. Panel description



4. MEASUREMENT PROGRAM

- 4.1 Press the power switch (3-1) to power on the device
- 4.2 Hold the sensor handle (3-6), turn the optical sensor towards the point to be measured, and read the measured value when the reading is stable. For assurance testTo measure the accuracy of the results, place the light sensor perpendicular to the light source being measured.
- 4.3 During the measurement period, as long as the hold key (3-4) is pressed and the "MAX" symbol appears on the screen, the measurement period can be maintainedThe maximum value of... To clear hold, just press Hold again (3-4).

5. COMPUTER CONNECTION

- 5.1 Using optional "RS232C data line output" and "Bluetooth Bluetooth data output", it can communicate with PC computer to achieve data collection, processing, analysis and printing functions.
- 5.2 Press the Send key (3-3) to transfer the stored values to the computer one by one, and the user can export the required format according to the actual needs
- 5.3 For online measurement, see Testsetup.exe in the software CD-ROM.

6. Replace the BATTERY

- 6.1 When the battery voltage is about 5V, the battery will appear on the right side of the displaySymbol, battery needs to be replaced.
- 6.2 Open the battery cover and take out the battery.
- 6.3 Install the battery correctly according to the label on the battery box.

7. STANDARD ILLUMINATION REFERENCE TABLE

MODEL	PEAK	USE
AM23-UVA	365±5nm(Bottom width315-400)	Sun, worm lure, UVALED curing, mercury lamp
AM23-UVB	297±5nm(Bottom width280-315)	Sun, sunscreen, breeding, plants, mites, UVCLED germicidal lamps
AM23-UVC	254±5nm(Bottom width200-280)	Hospital disinfection lamp, water treatment sterilization mercury lamp
AM23-UVA340 (UVA+UVB)	340 (290-390)	Sun, sunscreen, mosquito attractant
AM23-UVV395 (UVA+UVV)	395 (340-420)	UVALED curing
AM23-UVV420	420 (395-445)	UVALED curing, Halogen lamp, Gallium lamp, black light
AM23-UV Full	365 (200-400)	All available
AM23-UVA/B/C/UVV	Ultraviolet(315-400) (280-315) multiband (200-280) (340-420)	All available