

UV IRRADIANCE METER

- LT34-UVA LT34-UVA340 (UVA+UVB)
- LT34-UVB LT34-UVV395 (UVA+UVV)
- LT34-UVC LT34-UV Full
- LT34-UVV420 LT34-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.

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 test To 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 maintained The maximum value of... To clear hold, just press Hold again (3-4).

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)

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 display Symbol, 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.

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°C (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: 140x72x34 mm Sensor: 59xφ58mm

2.2 Accessories

Standard: Host, instruction manual, portable case

Optional: Bluetooth adapter and software, RS-232

3. Panel description



- 3-1 Power key
- 3-2 monitor
- 3-3 Send button
- 3-4 Hold key
- 3-5 RS-232 ports
- 3-6 Sensors

7. STANDARD ILLUMINATION REFERENCE TABLE

MODEL	PEAK	USE
LT34-UVA	365±5nm(Bottom width315-400)	Sun, worm lure, UVALED curing, mercury lamp
LT34-UVB	297±5nm(Bottom width280-315)	Sun, sunscreen, breeding, plants, mites, UVCLED germicidal lamps
LT34-UVC	254±5nm(Bottom width200-280)	Hospital disinfection lamp, water treatment sterilization mercury lamp
LT34-UVA340 (UVA+UVB)	340 (290-390)	Sun, sunscreen, mosquito attractant
LT34-UVV395 (UVA+UVV)	395 (340-420)	UVALED curing
LT34-UVV420	420 (395-445)	UVALED curing, Halogen lamp, Gallium lamp, black light
LT34-UV Full	365 (200-400)	All available
LT34-UVA/B/C/UVV	Ultraviolet(315-400) (280-315) multiband (200-280) (340-420)	All available