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LS128 UV Energy Meter

Main Application :

- Special for UV LED (365, 385, 395, 405nm, etc.)
- UV intensity measuring range of 40000 mW/cm²
- Record UV intensity, energy, temperature and curing time together

Product Introduction:

LS128 is a professional UV energy meter for testing UV LED light sources and has various excellent achievements:

- The first UV energy meter for UV LED light source testing.
- The first wide-range UV energy meter with a range of 40W/cm².
- The first UV energy meter for a wide spectrum (340nm-420nm).
- The first UV energy meter that measures temperature and power at the same time and can display process curves.

Its spectral response range is 340nm-420nm and it can test various wavelengths of 365nm, 375nm, 385nm, 395nm, 405nm and other UV LED light source.

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Specification:

Parameter	LS128 UV Energy Meter
Application	Light intensity, energy and temperature measurement of UV LED light sources
Spectral range	340nm - 420nm, calibrated at 395nm UV LED light sources
Irradiance measuring range	0 - 40000 mW/cm²
Irradiance resolution	1 mW/cm²
Energy measuring range	0 - 999999 mJ/cm²
Energy measuring accuracy	± 10% , ± 5% (typical)
Temperature measuring range	-55°C -125°C
Sampling speed	2048 times/second
Irradiance data storage interval	32 times/second
Temperature data storage interval	2 times/second
Recording period	32 min
Power supply	2 AAA alkaline dry batteries
Display	240*160 Dot matrix LCD
Test Hole Diameter	₵ 10mm
Dimension	Diameter 120mm * Thickness 13mm
Weight	327g

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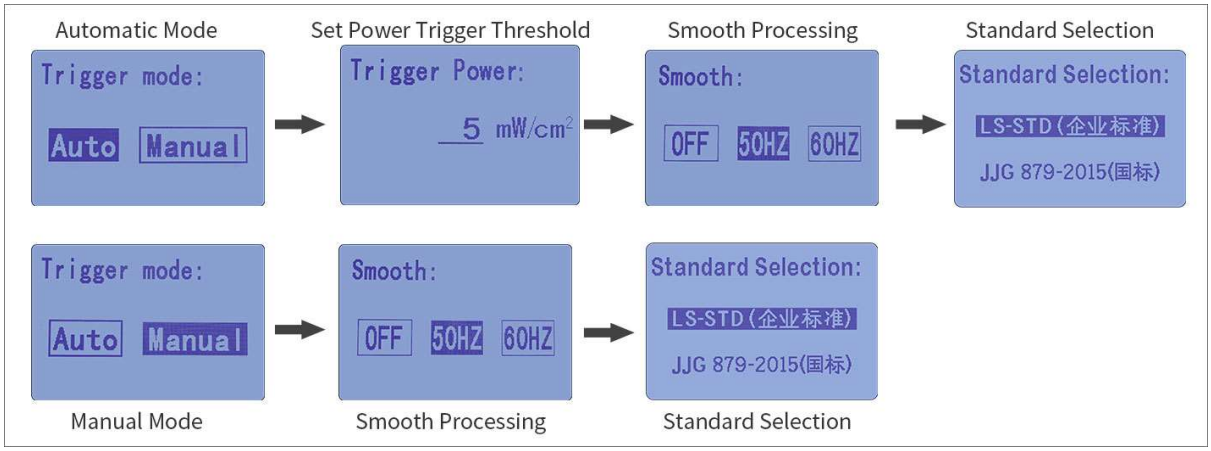
Feature:

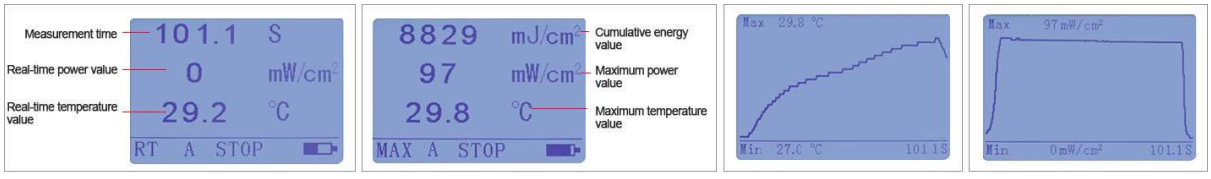
Two measurement modes available

There are two measurement modes. One is Manual mode which needs to start up or end of measurement manually. Another is automatic modes that can automatic switch-on or end of measurement when the energy intensity emitted by the light source is above or below the trigger threshold that can be set



Four interfaces help you record the data of UV light source

There are four interfaces to help you know better about UV light source you tested: In maximum values interface, you can acquire cumulative energy value, maximum power value and maximum temperature value. Measurement time can be recorded in RT interface. In temperature and power curve interface, you can know the temperature change and energy intensity variation of the light source. Four interfaces can be switched freely



Measurement time recorded in RT interfaces | Maximum values interface | Temprature Curve | Power Curve (Analyze the distribution of UV light intensity)

High temperature resistant

Built-in heat shield, high temperature resistant design. The UV energy meter can run in the environment of 100 degrees Celsius for a 2 hours long time.

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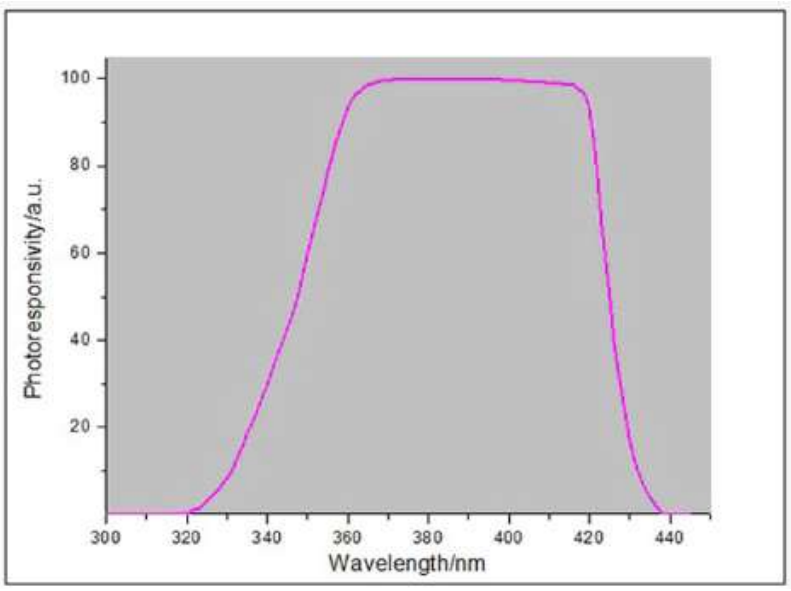
Wide spectral response range

With wide spectral response range, the UV power puck can test UV LED light source with any peak in the range of 365nm-405nm



Powerful PC software

The LS128 UV Energy Meter can be connected to PC software, which allows you to generate reports and print out test results, as well as to export test data.