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# 产 品 规 格 书

## Product specification

产品名称	<b>UV Ultraviolet energy meter</b>
Products type	
产品型号	UVEN300
Products series	
产品规格	ENHD-365
Specification	
<p>This UVLED light source is the standard specification of Futanshi Company. The order quantity is between 1-50 sets and can be shipped on the same day. The order quantity is more than 50 units, please contact us to confirm the delivery date.</p> <p>Send an inquiry to E-mail: <a href="mailto:futansi@futansi.com">futansi@futansi.com</a></p> <p>You can also call: 021-69790531, welcome to contact us!</p>	
  	



Approved	Review	Formulate
FTS	<i>FTS</i>	FTS

## ① Scope of application

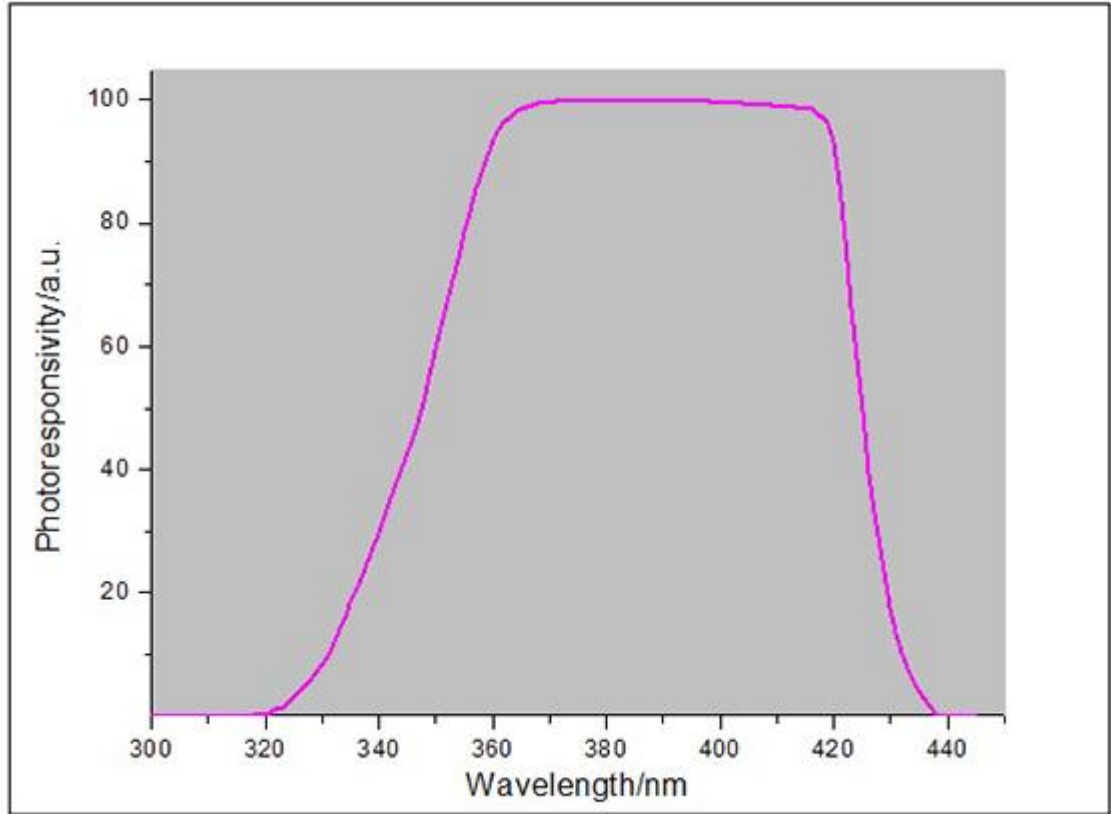
UVEN300 energy meter is a special ultraviolet energy meter for testing the exposure machine of UV LED lamp. Its spectral response range is 340nm-420nm. It can test 365nm, 385nm, 395nm, 405 and other bands of UV LED lamp. It is specially used for testing the ultraviolet energy meter of UV LED light source. Its measuring range is 20W/cm<sup>2</sup>. It is suitable for the ultraviolet energy meter of wide spectrum (340nm-420nm). It can also measure temperature and power. Ultraviolet energy meter showing process curve.

## ② Basic parameters

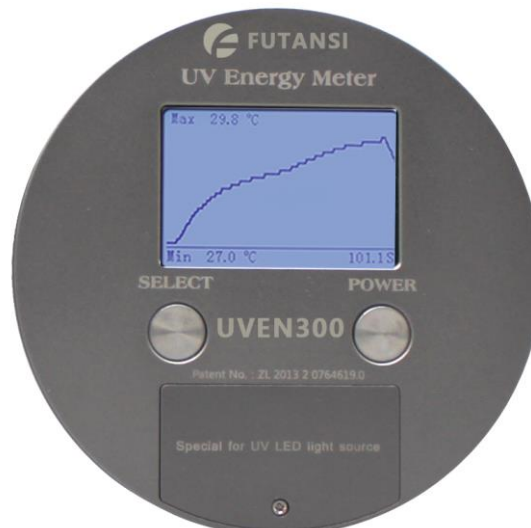
Serial number	Accessories	project	parameter		
1	UV Energy Meter (UVEN300) Sensors (UIHD-365)	Power supply battery	2 AAA alkaline dry batteries		
2		Fuselage size	mm	Diameter 120 x Thickness 13	
3		Sensor connection mode	Embedded Controller		
4		Mode of operation	Manual	button	
5		Communication interface	serial port	Realize read and write communication	
6		Host structural material	Aluminium alloy		
7		Instrument weight	About 327g		
8		UV sensor type	Large range Precision UV Sensor		
9		Application field	UVLED light curing power, energy measurement		
10		Spectral response range	340nm-420nm; calibrated at 395nm		
11		Measurement resolution	1mw/c m <sup>2</sup>		
12		Sampling speed	2048 times / sec		
13		Power data storage interval	32 times / sec		
14		Temperature data storage interval	2 times / sec		
15		Recording cycle	32 Minute		
16		Display	240x160 dot matrix LCD		
17		Operating ambient temperature/humidity	0~35°C 85%Following (no condensation)		
18		Preservation of ambient temperature/humidity	-10~60°C 85%Following (no condensation)		
19		Connecting line	Robot Cable	m	2-5M

③ **Ultraviolet Energy Meter (UVEN300) features:**

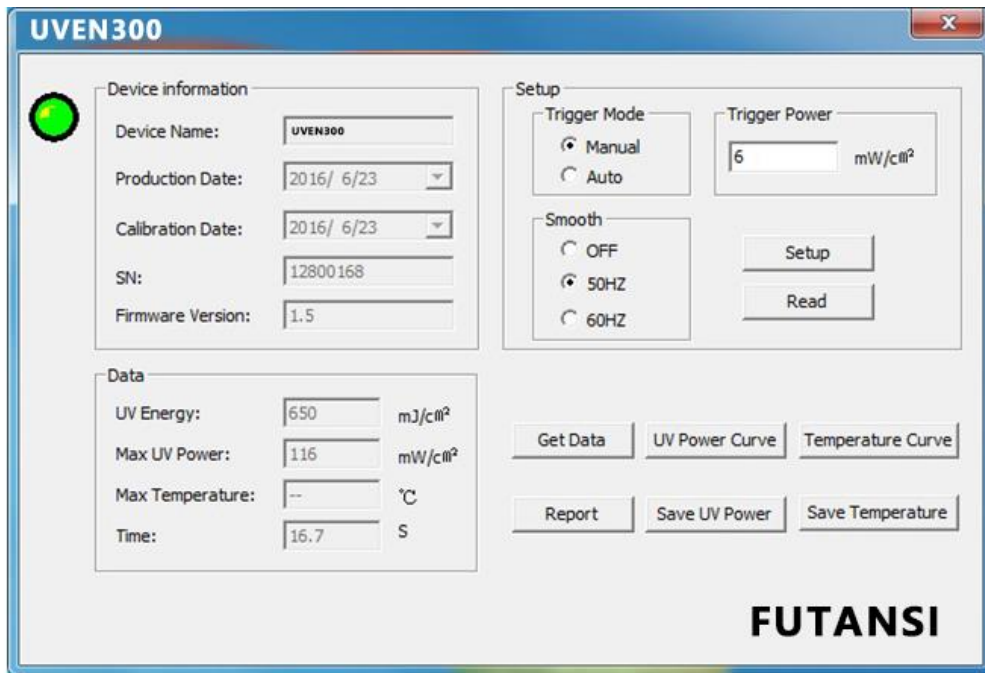
■ **Wide range of applications:**Wide spectral response, can test any band from 365nm to 405nm.



■ **Intelligent UV energy meter,** large liquid crystal directly displays temperature and intensity curves.



- USB interface, computer software can read the detailed recording data, curve analysis and print out the test report.



- High precision and fast response temperature detector, real dynamic measurement of the actual temperature in the curing machine.

- Built-in insulation sheet, high temperature resistant design, can run at 100 degrees Celsius for a long time.



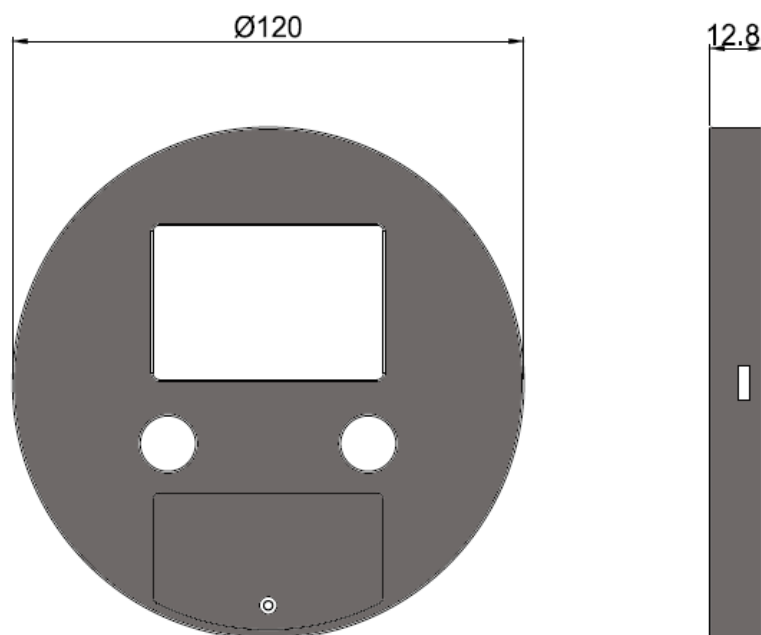
■ The instrument has built-in large capacity memory, which can record up to 60,000 power data and 3,800 temperature data.



■ Storage data power-off does not lose, boot automatically display the last test data, you need to manually delete the test data.

④ UVEN300 Ultraviolet Energy Meter form Factor:

*F-UVEN300*



⑤ UVEN300 UV energy meter packaging details

1. UV irradiation meter mainframe: 1
2. AAA battery: 2
3. Small Phillips screwdriver: 1
4. Instructions: 1
5. Certificate / Warranty Card: 1
6. Plastic engineering box: 1



**solemnly declare:**

Futansi (ShangHai)Electronic Technogy Co.,Ltd solemnly declare: Disassembling or modifying the UV energy meter by yourself may cause the product to be unable to be used normally. The product assembled after disassembly may also cause personal injury or damage to the object. In this case, direct or indirect Loss of our company does not assume any legal responsibility:

- Electric shock that may be encountered by wet hand plugging and unplugging the power connector;
- FUTANSI or other branded goggles are not worn when using the device;
- Scratch caused by intentional or unintentional touch on the surface of the device immediately after using the device;
- Personal injury or object damage caused by using this equipment near water source or in wet places;
- Electrical shock or other accident caused by using this equipment during thunderstorm;
- Accidents caused by the use of equipment near gas or natural gas;
- Not strictly in accordance with the provisions of this manual;
- Continue to use the device in spite of error messages or failures;
- Untrained personnel use equipment;
- Continue to use defective devices;

Design manufacturer: **Futansi (ShangHai)Electronic Technogy Co.,Ltd**

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