

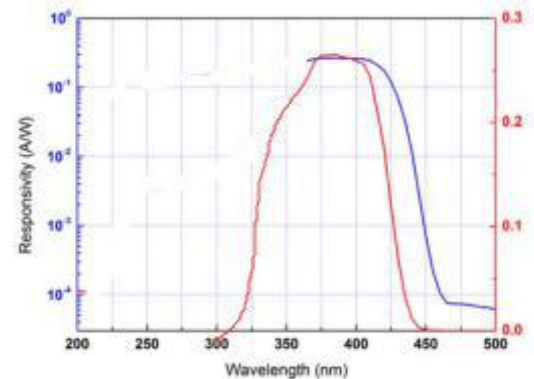
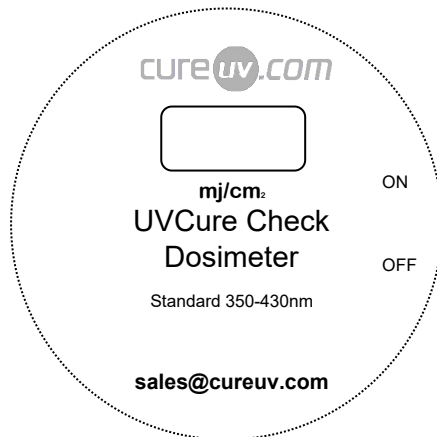
# CureUV Cure Check UV Dosimeter

## INSTRUCTION MANUAL

SKU: 302084

### Overview:

The UV-intLED150 energy meter is a high quality UV energy tester. The UV-intLED150 energy meter is used to measure the UV energy of UV LED light sources to ensure that the UVLED irradiation process is ideally controlled.



Due to the irregular radiation distribution of UV light sources, and different manufacturers have different structural designs. As a result, different readings may appear under the same measurement conditions.

### Instructions:

1. Press the switch on the side of the energy meter to "ON", and "0" will be displayed on the display.
2. Turn the energy meter over and place it on the conveyor belt. (Use UV light source to illuminate the back) (The sensor is installed on the back of the instrument and can withstand higher temperatures)
3. After the instrument passes through the conveyor belt, the results can be read from the front.
4. Before starting a new measurement program, the instrument must be turned off and then turned on again.

The display will reset to "0", and you can continue to operate according to point 2.

### Precautions:

1. Please avoid violent vibration or shaking of the instrument.
2. It is prohibited to deface the sensor sensing hole on the back of the instrument.
3. Do not look directly or indirectly through the refracted/reflected UV lamp.
4. Ensure that no part of the body is directly exposed to UV light.
5. LCD monitors are prohibited from facing UV light sources.
6. Test on the conveyor belt, each repetition must be at the same position.

### Calibration period:

1. The instrument is calibrated every 12 months

### Technical data:

<b>Spectral range:</b>	UV 350 - 430nm
<b>Wavelength:</b>	365, 385, 395, 400, 405, 410nm
<b>Measuring range:</b>	0--10,000mW/cm <sup>2</sup> (Do not show)
<b>Display range:</b>	0--999,999mJ/cm <sup>2</sup>
<b>Power supply:</b>	3.6Vlithium battery
<b>Electric power:</b>	about100μA
<b>Size:</b>	Diameter90mm Thickness12mm
<b>Weight:</b>	Approx. 5.29 oz
<b>Temperature range:</b>	32 °F – 122 °F
<b>Instant temperature resistance:</b>	230°F on conveyor belt, no more than 10 seconds

### Warranty:

Since all electronic components, especially light sensors, usually age with time, Therefore, it is recommended to perform calibration once a year. And after replacing the battery, adjustment and calibration should also be performed. Warranty time: 2 years from the date of purchase.

UV-int® **UVDESIGN** cureuv.com