



UVC RADIATION DOSIMETER

INCLUDING BLUETOOTH CONNECTIVITY TO SEND REAL-TIME DATA ON THE RECEIVED UVC RADIATION



IT ATTACHES TO UNEVEN SURFACES

By combining a magnet and a non-slip surface, the device can be placed even on cylindrical surfaces.



20 HOURS OF BATTERY OPERATION TIME

A full charge takes as low as 2 hours using a standard USB-C with a power supply (included) or any USB power source



UV IRRADIATION ANALYSIS IN ROOMS

Ensure the correct dosing of ultraviolet light on the 100% of the surface of a room by placing multiple devices in key locations.



UVC LIGHT LAMPS MAINTENANCE

It is perfect to check regularly the proper operation of an ultraviolet light lamp.



MULTIDEVICE BLUETOOTH CONNECTION

Get instant access to the measurement of multiple devices placed in the same room to ensure the proper dose of UV light along all the surfaces.



IRRADIANCE AND DOSE METER IN THE UVC LIGHT SPECTRAL RANGE

SPECIALLY DESIGNED TO MEASURE THE IRRADIANCE AND THE DOSE OF UVC RADIATION EMMITED FROM THE DISINFECTION LAMPS

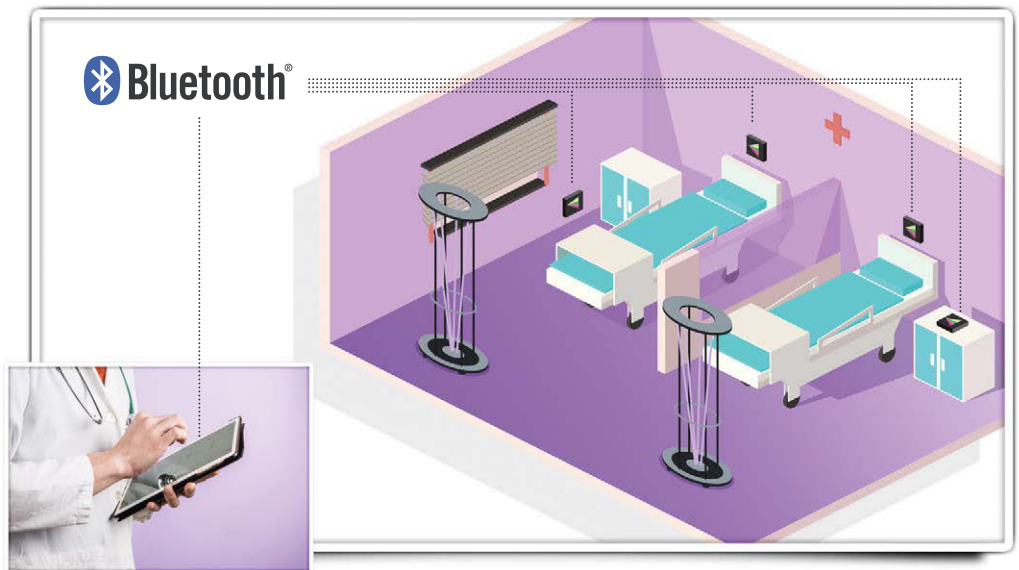
THE SIMULTANEOUS USE OF SEVERAL DEVICES ALLOWS ANALYZING THE UVC RADIATION RECEIVED ALONG THE 100% OF A ROOM'S SURFACE

ENSURE THE DISINFECTION OF THE ENTIRE ROOM

PLACE SEVERAL DEVICES IN A ROOM

Place several units of the IL-005 dose meter in key locations in a room and **receive in your phone or your tablet** the measurement values from each and every device.

In this way, it is possible to analyze the amount of UVC radiation received in the **100% of the surface of a room** and draw the best strategy to proceed to disinfect it using ultraviolet light lamps.



DETAILS MAKE A DIFFERENCE



ZERO LEARNING TIME

Functional and intuitive design.

WIDE ANGLE SENSOR

Thanks to its design, the UVC sensor gets a wider viewing angle than enables using the device both in horizontal and vertical position.

COLOR-CODED READING

The readings can be estimated from a distance thanks to the multicolor LED.

CHARGING AND BATTERY STATUS

The battery lasts for 20 hours and can be recharged using a standard USB-C connector in 2 hours.

SAFE MAINTENANCE OF UVC LIGHT LAMPS

CHECK THE OPERATION OF A LAMP WITHOUT BEING EXPOSED TO THE ULTRAVIOLET RADIATION

The ultraviolet radiation is invisible to humans but may cause eye and skin injuries. The only **safe method** to check the proper operation of the ultraviolet light disinfection systems is to use a **UVC dose** meter like the **IL-005**.

In addition, in those UVC disinfection systems that do not include a radiation meter, using this device becomes a must.



Operating rooms and chambers in hospitals

Plan the best disinfection strategy by studying how and where to place the UVC lamps disposing several sensors in several location in the room and studying the impact of the radiation in each location.



Planes and other means of transport

Since the **IL-005** is a small and has a wide-lens sensor, it can be placed even in those hidden corners where other similar devices cannot fit.



It can be recharged anywhere

The device is recharged using an USB-C port. It can be recharged anywhere a standard USB outlet is available.



SPECIFICATIONS	IL-005 ULTRAVIOLET RADIATION (UVC) DOSE METER
Measurements	
Spectral band	From 220 to 280 nm
Irradiance	
Measurement range	From 0 to 9999 mW/cm ²
Resolution	1%
Dose	
Measurement range	From 0 to 9999 mJ/cm ²
Resolution	0.001 mJ/cm ²
Color-coded dose indication	
White	From 0 to 50 mJ/cm ²
Yellow	From 50 to 100 mJ/cm ²
Green	From 100 to 150 mJ/cm ²
Blue	From 150 to 200 mJ/cm ²
Red	From 200 to 250 mJ/cm ²
Violet	>250 mJ/cm ²
Sensor optical surface	0.8 mm ²
User interface	Keyboard and Bluetooth
Operation position	Horizontal/Vertical Adherence by magnet + non-slip surface
Power supply	Internal rechargeable battery (via USB-C port)
Consumption	4,5 W
Charging time	2 h
Battery operation time	20 h
Mechanical features	
Dimensions	100 (W.) x 100 (H.) x 40 (D.) mm
Weight	255 g
Operating environmental conditions	
Temperature margin	From 5° C to 40° C
Max relative humidity	80% non-condensing
Altitude	2000 m
Included accessories	5 V power supply