



① 4-Digit LCD screen

② UVC irradiance measurement button (mW/cm²)

③ UVC dose measurement button (mJ/cm²)

Dose measurement **reset**; press button 2 while holding down button 3

④ UVC dose indicator LED (mJ/cm²)

<input type="checkbox"/> White: 0 - 50	<input type="checkbox"/> Blue: 150-200	<input type="checkbox"/> Flashing Violet > 1700
<input type="checkbox"/> Yellow: 50-100	<input type="checkbox"/> Red: 200-250	
<input type="checkbox"/> Green: 100-150	<input type="checkbox"/> Violet > 250	

⑤ UVC Sensor

⑥ Battery Level LED indicator

- Green: Battery charged
- Yellow: Low battery
- Red: Battery empty

⑦ USB-C connector for charging

⑧ ON / OFF key:

ON: Hold down for 2 s

OFF: Press

⑨ Battery charging indicator LED



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RADIATION DOSE MEASUREMENT DEVICE FOR UVC DISINFECTION OF HEALTH-CARE AREAS

The IL-005 UV sensor is an irradiance and dose meter in the UVC spectral range. It is specially designed for the measurement of irradiance and dose of UVC radiation emitted by disinfection lamps.

SPECIFICATIONS	IL-005 UV SENSOR
Measurements	
Spectral Band	220 - 280 nm
Irradiance (mW/cm ²)	
Measurement range	0 - 9999 mW/cm ²
Resolution	1%
Dose (mJ/cm ²)	
Measurement range	0 - 9999 mJ/cm ²
Resolution	0.001 mJ/cm ²
Color dose indicator	
White	0-50 mJ/cm ²
Yellow	50-100 mJ/cm ²
Green	100-150 mJ/cm ²
Azul	150-200 mJ/cm ²
Red	200-250 mJ/cm ²
Violet	>250 mJ/cm ²
Sensor optical surface	0.8 mm ²
User interface	Keypad and Bluetooth
Sensor position	Horizontal/ Vertical Magnetic adhesion
Electric power	4.5 W 5 V power supply via USB-C connector
Mechanical features	
Dimensions	100 (W.) x 100 (H.) x 40 (D.) mm
Weight	255 g
Operating environmental conditions	
Temperature range	From 5° C to 40° C
Maximum relative humidity	80% no condensation
Altitude	2000 m
Included accessories	Power supply 5 V