

Portable UV Radiometer 7.1 (for UV-C LED)



GUVL-T11S7.1-L

Description : Portable UVC LED Light Intensity Measurement

Function & Display : Absolute Power (mW/cm²), Dose (J/cm²), Max Power (mW/cm²)



Fig1. GUVL-T11S7.1-L

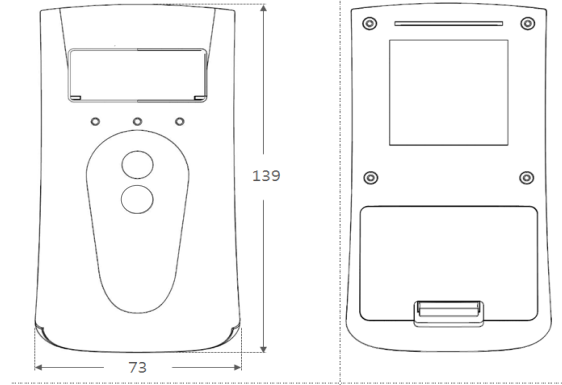


Fig2. Size of Radiometer 7.1 (Unit : mm)

Features and Applications

Features	Applications
<ul style="list-style-type: none"> - 4.0 digit LCD display - Integrated Sensor and Display - Absolute Power, Dose and Max Power displayed 	<ul style="list-style-type: none"> - UVC LED Intensity Measurements - UVC LED Light Transmittance Measurements - Portable UVC LED Intensity Meter

UV Radiometer Dimensions

Height(mm)	Width(mm)	Thickness(mm)	Weight(g)	Material
139	73	31	100 (without batt.)	ABS

Absolute Maximum Ratings

Parameter	Min.	Typ.	Max.	Unit	Remark
Storage Temperature	0		60	°C	
Operating Temperature	0		50	°C	
Operating Humidity	10		85	% RH	
Battery		9		VDC	DC 9V (6LR61/6F22)

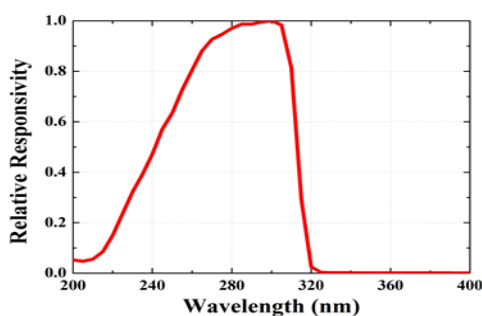
Electro-Optical Characteristics (at 25°C)

Parameter	Min.	Typ.	Max.	Unit	Remark
Detection Range	220		320	nm	10% of R _{peak}
Detection Power Range*	0		100.0	mW/cm ²	

*customized available (Maximum of detection power : 10W/cm²)

(NIST Traceable)

Relative Responsivity



GUVL-T11S7.1-L

Power on/off button
-> Push Power button over 3 seconds

Mode button
-> Change display mode
: Absolute intensity(mW/cm²) → mJ/cm² →
Max intensity → Absolute intensity

