

Portable UV Radiometer 7.1 (for Blue Light UV)



GVBL-T12S7.1-L

Description : Portable Blue Light UV Intensity Measurement

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



Fig1. GVBL-T12S7.1-L

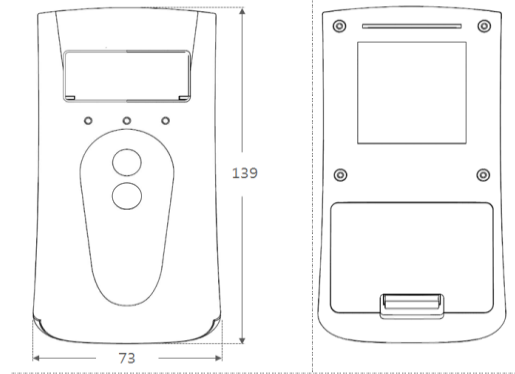


Fig2. Size of Radiometer 7.1 (Unit : mm)

Features and Applications

Features	Applications
- 4.0 digit LCD display	- Blue Light UV Intensity Measurements
- Integrated Sensor and Display	- Blue Light UV Transmittance Measurements
- Absolute Power, Dose and Max Power displayed	- Portable Blue Light UV 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)

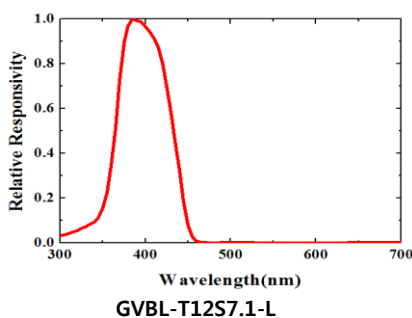
Electro-Optical Characteristics (at 25°C)

Parameter	Min.	Typ.	Max.	Unit	Remark
Detection Range	330		445	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



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

