

Portable UV Radiometer 7.1 (for Blue Light UV)



GVBL-T12GS7.1-L (Embedded sensor)

Description : Portable Blue Light UV Intensity Measurement, Embedded sensor

Function & Display : Absolute Power (mW/cm^2), Dose (J/cm^2), Max Power (mW/cm^2)



Fig1. GVBL-T12GS7.1-L

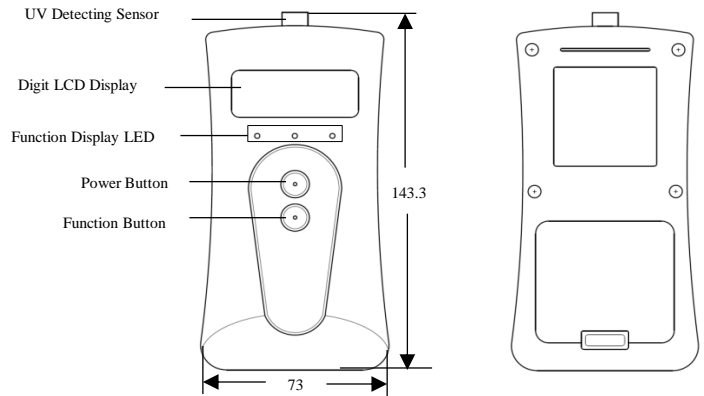


Fig2. Size of Radiometer 7.1 (Unit : mm)

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"> - Blue Light UV Intensity Measurements - Blue Light UV Transmittance Measurements - Portable Blue Light UV Intensity Meter

UV Radiometer Dimensions

Height(mm)	Width(mm)	Thickness(mm)	Weight(g)	Material
143.3	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)

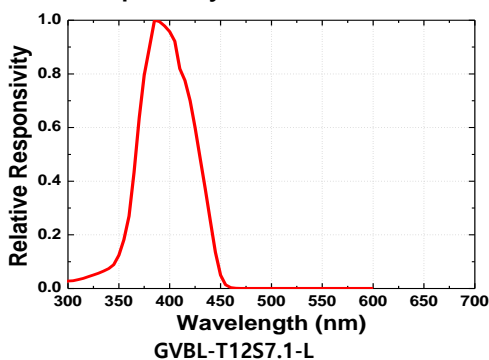
Electro-Optical Characteristics (at 25°C)

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 : $10\text{W}/\text{cm}^2$)

(NIST Traceable)

Relative Responsivity



UV Detecting Sensor

Power button(on/off)

-> Push Power button over 3 seconds

Mode button

-> Change display mode
 Absolute Power (mW/cm^2) → Dose (J/cm^2) →
 Max Power (mW/cm^2) → Absolute Power(mW/cm^2).....

