

Portable UV Radiometer 7.1 (for UVB)

GUVB-T11S7.1-L

Description : Portable UVB Intensity Measurement

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

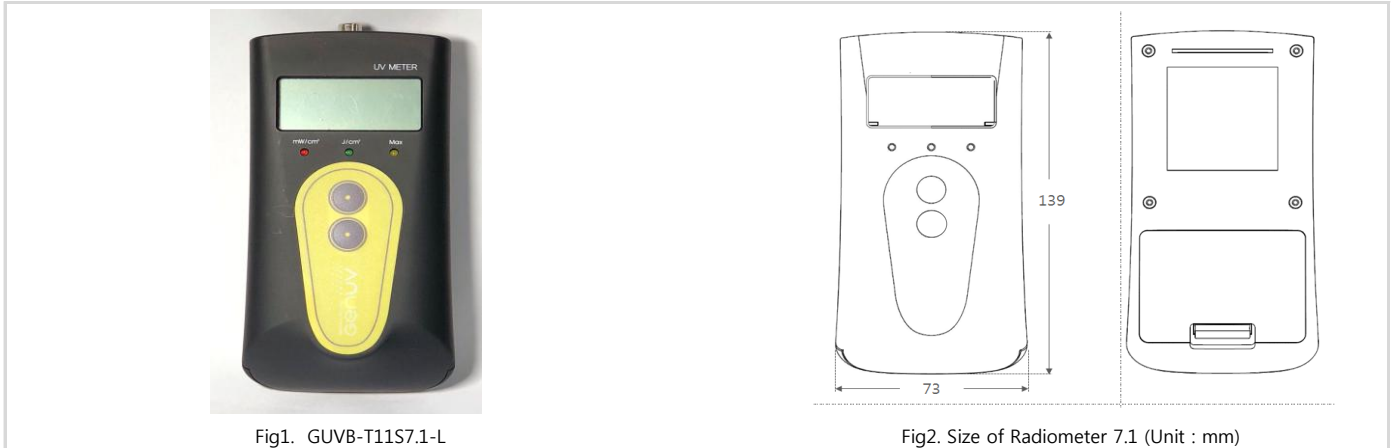


Fig1. GUVB-T11S7.1-L

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"> - UVB Intensity Measurements - UVB Transmittance Measurements - Portable UVB 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)

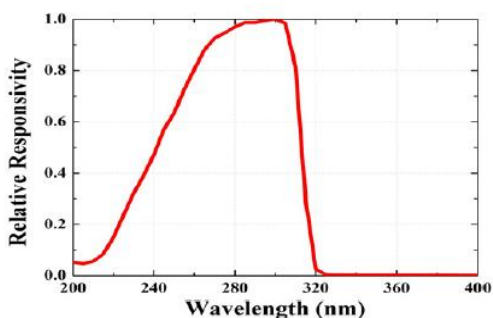
Electro-Optical Characteristics (at 25°C)

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

(NIST Traceable)

Relative Responsivity



GUVB-T11S7.1-L

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

Mode button
-> Change display mode
: Absolute intensity(mW/cm^2) → mJ/cm^2 →
Max intensity → Absolute intensity

