

# Portable UV Radiometer 7.1 (for UV Index)

## GUVI-T11GS7.1-LA9 (External Sensor Probe)



**Description :** Portable UV Index Intensity Measurement

**Function & Display :** UV Index (UVI)

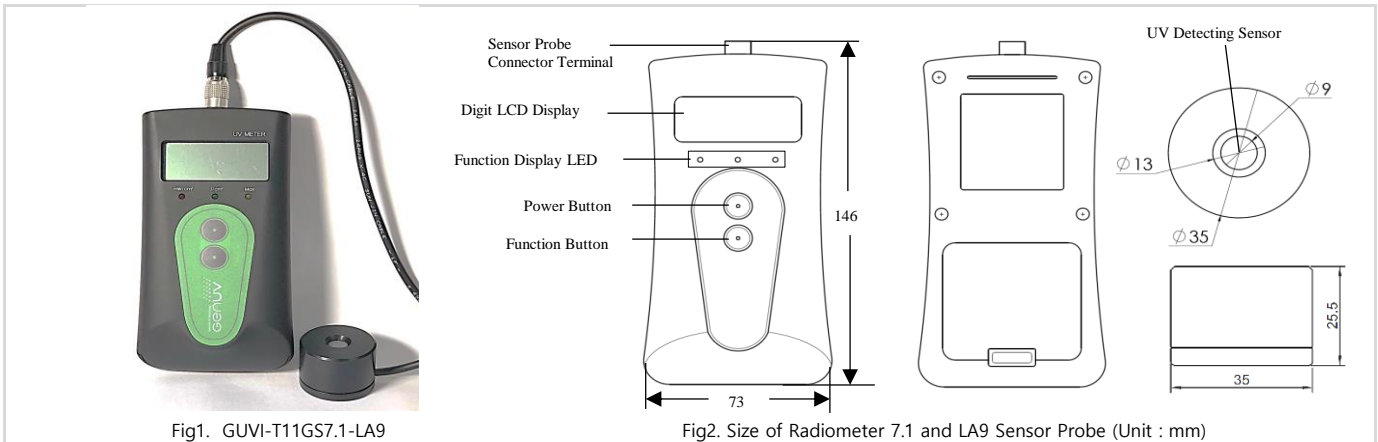


Fig1. GUVI-T11GS7.1-LA9

Fig2. Size of Radiometer 7.1 and LA9 Sensor Probe (Unit : mm)

### Features and Applications

Features	Applications
<ul style="list-style-type: none"> <li>- 4.0 digit LCD display</li> <li>- Detachable LA9 Sensor Probe (Push-Pull connector)</li> </ul>	<ul style="list-style-type: none"> <li>- Portable UV Index for sunlight Meter</li> </ul>

### UV Radiometer Dimensions

Height(mm)	Width(mm)	Thickness(mm)	Weight(g)	Material
146	73	31	100 (without batt.)	ABS

### Sensor probe Dimensions

Size(mm)	Window(mm)	Cable length(m)	Weight(g)	Material
Ø35, H25.5	Ø9	1	80	AL-60

### Absolute Maximum Ratings

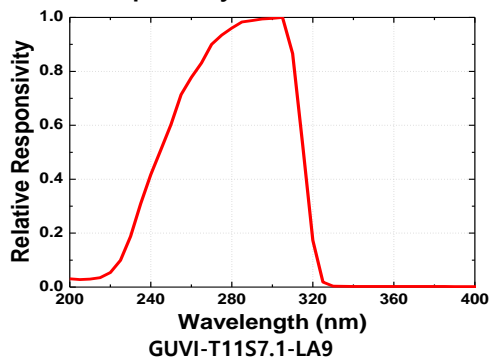
Parameter	Min.	Typ.	Max.	Unit	Remark
Storage Temperature	0		60	°C	
Operating Temperature	0		50	°C	
Operating Humidity	10		85	% RH	
Battery		9		VDC	DC 9V (6LR61/6F22)

### Electro-Optical Characteristics (at 25°C)

Parameter	Min..	Typ.	Max.	Unit	Remark
Detection Range	220		320	nm	10% of R <sub>peak</sub>
Detection Power Range	0		50.0	UVI	

(NIST Traceable)

### Relative Responsivity



#### Power button(on/off)

-> Push Power button over 3 seconds

#### Mode button

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



UV Detecting Sensor

