

# Portable UV Radiometer 7.1 (for UVC)

## GUVU-T10GS7.1-L (Embedded sensor)



**Description :** Portable UVC Intensity Measurement, Embedded sensor

**Function & Display :** Absolute Power ( $\text{mW}/\text{cm}^2$ ), Dose ( $\text{J}/\text{cm}^2$ ), Max Power ( $\text{mW}/\text{cm}^2$ )

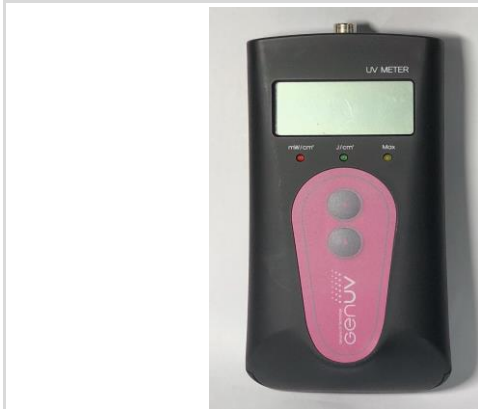


Fig1. GUVU-T10GS7.1-L

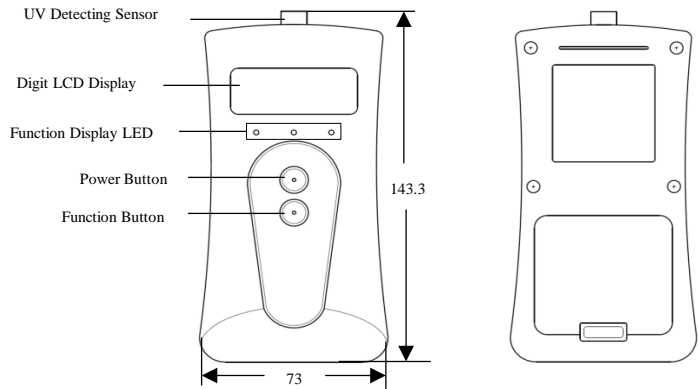


Fig2. Size of Radiometer 7.1 (Unit : mm)

### Features and Applications

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

### 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)

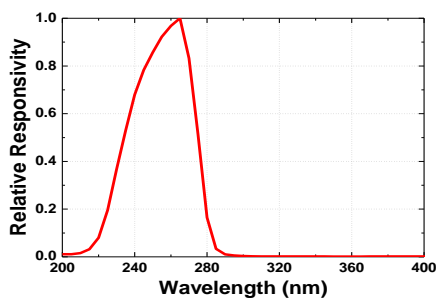
### Electro-Optical Characteristics (at 25°C)

Parameter	Min.	Typ.	Max.	Unit	Remark
Detection Range	220		280	nm	10% of $R_{\text{peak}}$
Detection Power Range*	0		100.0	$\text{mW}/\text{cm}^2$	

\*Customized available (Maximum of detection power :  $10\text{W}/\text{cm}^2$ )

(NIST Traceable)

### Relative Responsivity



GUVU-T10GS7.1-L

