

Portable UV Radiometer 7.1 (for Total UV)

GUVV-T10GS7.1-LA9 (External Sensor Probe)



Description : Portable Total UV Intensity Measurement

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

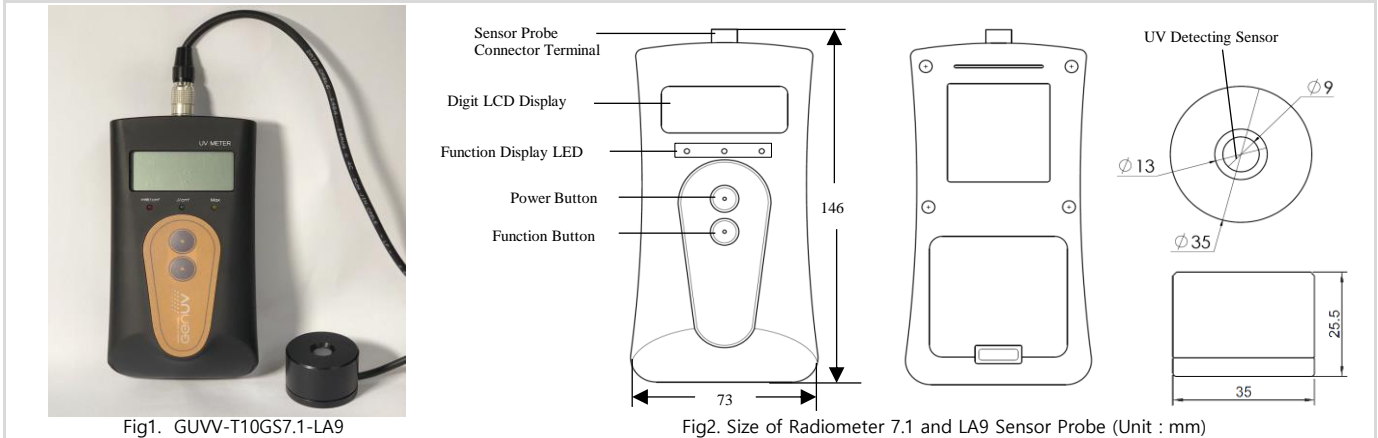


Fig1. GUVV-T10GS7.1-LA9

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

Features and Applications

Features	Applications
- 4.0 digit LCD display	- Total UV Intensity Measurements
- Detachable LA9 Sensor Probe (Push-Pull connector)	- Total UV Light Transmittance Measurements
- Absolute Power, Dose and Max Power displayed	- Portable Total UV Intensity Meter

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)

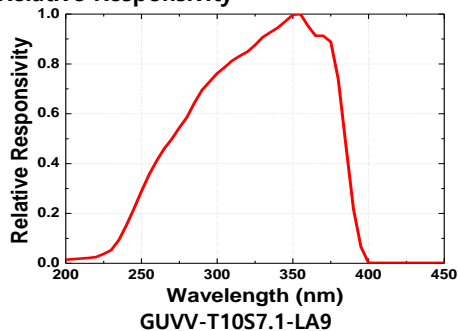
Electro-Optical Characteristics (at 25°C)

Parameter	Min.	Typ.	Max.	Unit	Remark
Detection Range	230		395	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



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).....



UV Detecting Sensor

