

Portable UV Radiometer 7.1 (Far UV)

GFUV-T10GS7.1-LA9 (FUV(Far UV) Sensor)

Genuine UV Technology
GenUV**Description :** Portable Far UV Lamp Monitoring(222nm) ,Excimer Lamp Monitoring**Function & Display :** Absolute Power (mW/cm^2), Dose (J/cm^2), Max Power (mW/cm^2)

Fig1. GFUV-T10GS7.1-LA9

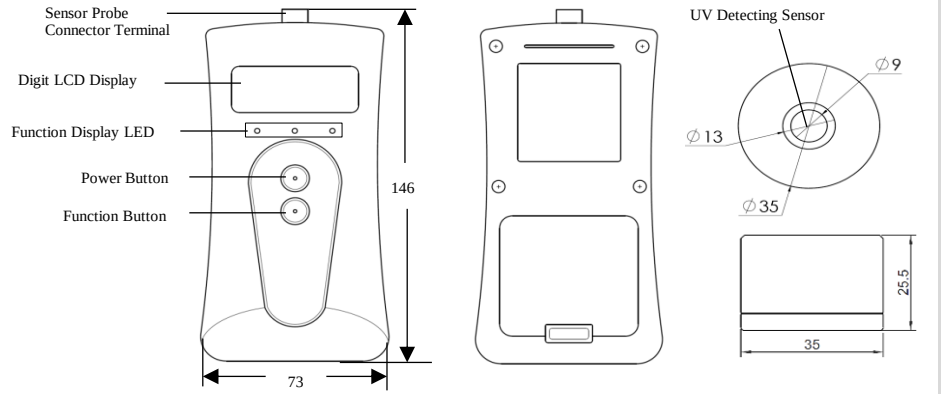


Fig2. Size of Radiometer 7.1 and LA9 Sensor Probe (Unit : mm)

Features and Applications

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

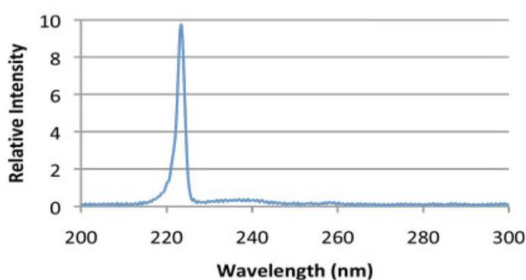
Parameter	Min.	Typ.	Max.	Unit	Remark
Detection Range		222		nm	
Detection Power Range*	5		100.0	$\mu\text{W}/\text{cm}^2$	

*Customized available (Maximum of detection power : $1\text{mW}/\text{cm}^2$)

*Reference meter : Hamamatsu H9535-222(NIST Traceable)

*Optical source : Edenpark illumination(222nm)

FUV Lamp Spectrum



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

