

Portable UV Radiometer 7.1 (Far UV)

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



Description : Portable Far UV Lamp Monitoring(222nm) ,Excimer Lamp Monitoring

Function & Display : Absolute Power (mW/cm²), Dose (J/cm²), Max Power (mW/cm²)



Fig1. GFUV-T10GS7.1-L

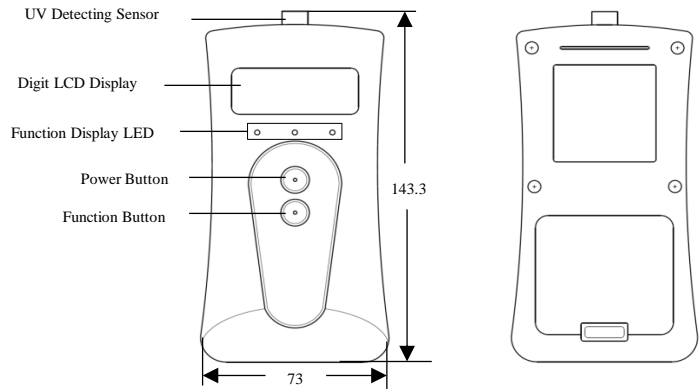


Fig2. Size of Radiometer 7.1 (Unit : mm)

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"> - 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
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)

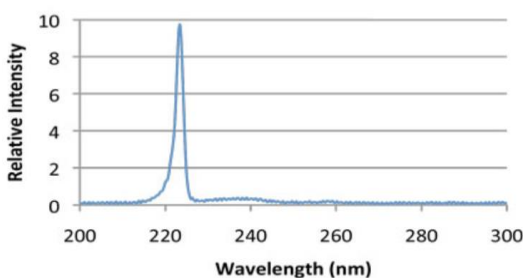
Parameter	Min.	Typ.	Max.	Unit	Remark
Detection Range		222		nm	
Detection Power Range*	0		100.0	mW/cm ²	

*Customized available (Maximum of detection power : 10W/cm²)

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

*Optical source : Edenpark illumination(222nm)

FUV Lamp Spectrum



UV Detecting Sensor

Power button(on/off)

-> Push Power button over 3 seconds

Mode button

-> Change display mode
 Absolute Power (mW/cm²) → Dose (J/cm²) →
 Max Power (mW/cm²) → Absolute Power(mW/cm²).....

