

# UV Radiometer 1.0

## GUVx-T1xGS-LA2



### Description

It inform the UV power of UV source through the LCD using UV Sensor. You can choose the sensor part by your application.

### Constitution

Display, Adapter, Probe (Sensor+Connection line), Output Line

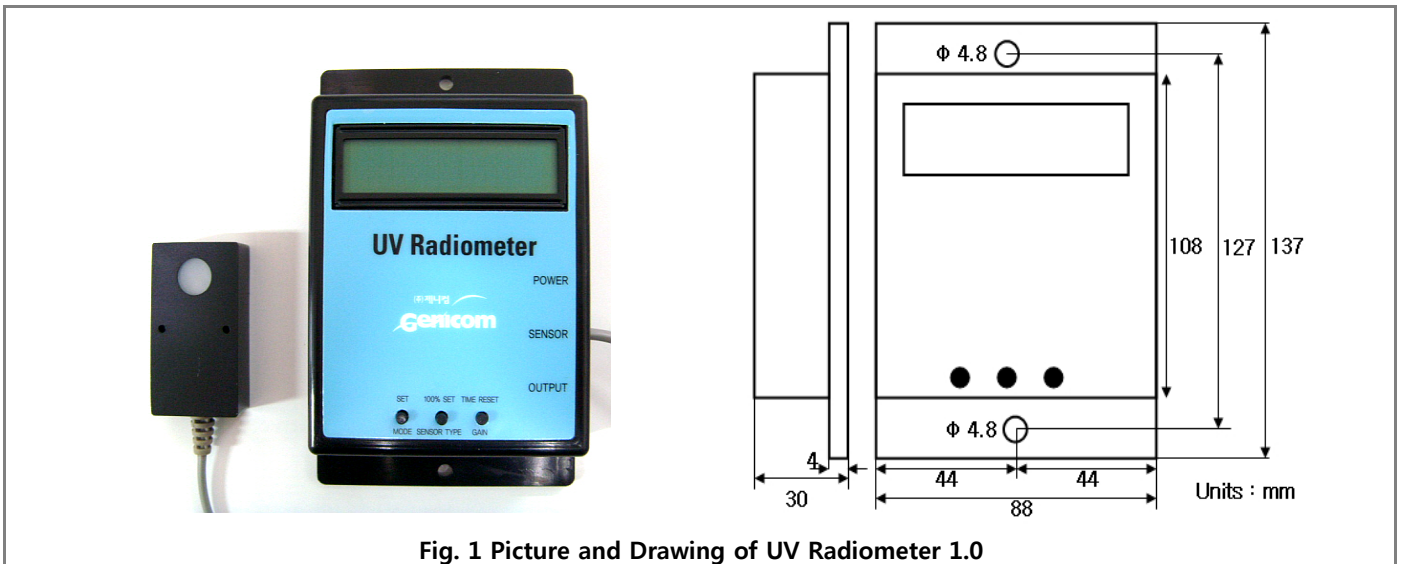


Fig. 1 Picture and Drawing of UV Radiometer 1.0

### Case dimensions

Type	Width (mm)	Length (mm)	Height (mm)	Window (mm)	Weight (g)	Connection Line (m)	Body	Remark
Display	88	137	30	-	155	-	-	
Probe	30	55	16	12	57	5	Al-60	

### Information of UV Radiometer

Parameter	Value			Unit	Remark
	Min.	Typ.	Max.		
Operating Temperature	-15		65	°C	
Power Consumption		0.13		A	
Detection Range	GUVV-T10GS-LA2	230	395	nm	10% of Max
	GUVB-T11GS-LA2	220	320	nm	10% of Max
	GUVC-T10GS-LA2	220	280	nm	10% of Max

### Connection

- Main Power
  - DC 9V 300 mA (AC220V 50/60 Hz Adapter)
- Detection Power Range
  - Standard : Max. 100 mW/cm<sup>2</sup>
  - Option : Max. 10 mW/cm<sup>2</sup> , Max. 1000 mW/cm<sup>2</sup>
- Output
 

It depends on UV power of UV source.

  - 1) Voltage : 0 ~ 5 V, 0.1A Max.
  - 2) Current : 4 ~ 20 mA, 5V

### LCD Display

[ MODE : UVV R.P. ]

[ DATA : 100 % ]

1st Line : Sensor Type & Function

1) Sensor Type : UVV/UVA/UVB/UVC

2) Function : Using Mode Button

- A.P. : Absolute Power (unit : mW/cm<sup>2</sup>)

- R.P. : Relative Power (unit : %)

- Time : Cumulative Time

2nd Line : Data According To The Each Functions