

UV Radiometer 1.0

GUVx-T1xGS-3LWLO1.1

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, Connection line, Output Line

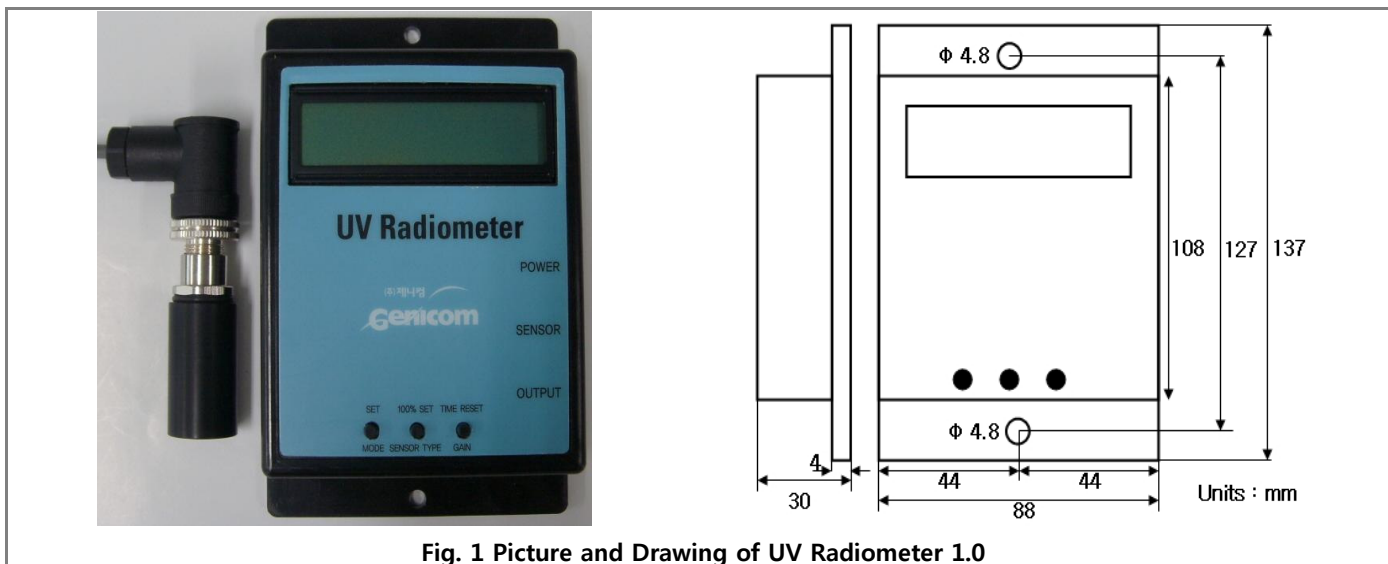


Fig. 1 Picture and Drawing of UV Radiometer 1.0

Case dimensions

Type	Width (mm)	Length (mm)	Height (mm)	Window (mm)	Weight (g)	Connection Line (m)	Body	Remark
Display	88	137	30	-	155	-	-	
Probe	Φ 20		35	5.3	31	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-T11GS-3LWLO1.1	230	395	nm	10% of Max
	GUVB-T12GS-3LWLO1.1	220	320	nm	10% of Max
	GUVC-T11GS-3LWLO1.1	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/cm²
 - Option : Max. 10 mW/cm² , Max. 1000 mW/cm²
- 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/UVVC

2) Function : Using Mode Button

- A.P. : Absolute Power (unit : mW/cm²)

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

- Time : Cumulative Time

2nd Line : Data According To The Each Functions