

UV Radiometer 1.0

GUVx-T1xGS-3LW5



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, Sensor Probe, Connection Cable, Output Line

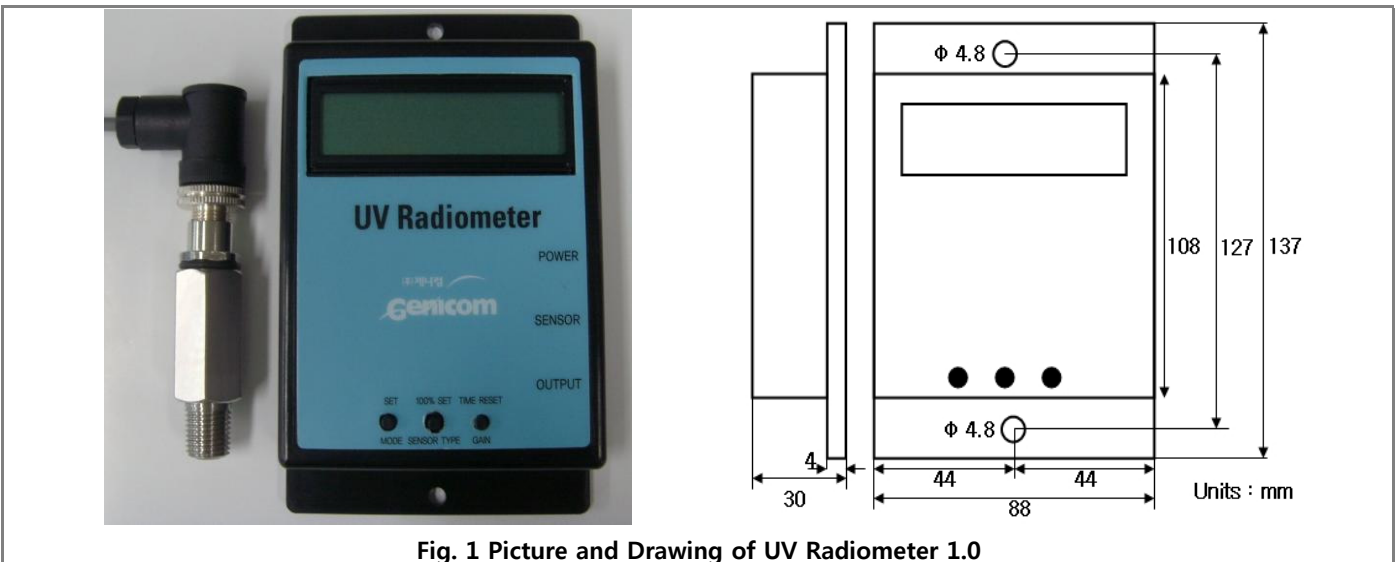


Fig. 1 Picture and Drawing of UV Radiometer 1.0

Case dimensions

Thread/Length for Mounting	Diameter (mm)	Window (mm)	Wrench Size(mm)	Length (mm)	Weight (g)	Connection Cable(m)	Body (stainless steel)
PT1/4 "/12 mm	21	7	19	63	67	5	316-L (1.4404)

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-3LW5	230		395	nm	10% of Max
	GUVB-T12GS-3LW5	220		320	nm	10% of Max
	GUVC-T11GS-3LW5	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/UVC
- 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