



New Portable UV Radiometer (MG-07.1S) for easily check UV light power applications



Unique device provides very accurate measurement of UV lights intensity

Electro Optical Components offers a Multi-functions UV portable meter that provides high accuracy for UV source power measurement with GaN-based sensor technology. In recent, newly opened UVC LED market, this UVC LED Meter is ready to meet customers application. The UV Radiometer 07.1S' GaN-based UV sensor is most accurate and a low price solution for high precision UV light measuring.

< PRODUCT INFORMATION >

The unit's rugged, cost effective design features many of the operating advantages of more expensive UV light meters. The Meter comes with a detachable sensor probe (3 detector range options), 4.0 digital LCD display, 9V battery operated and 2 buttons easy function control.

Applications for using the Radiometer 07.1S to monitor UV output include UV lamp performance, 3d printing, UV Curing, Medical, UV Disinfection, and Area Exposure.

< SPECIFICATIONS >

UV Range Types	*Total UV Meter (230 ~ 395nm) *UVC Meter (220~280nm) *UVC LED Meter (220 ~ 320nm) *Visible Meter (330 ~ 445nm)
Function & Display	Real time Absolute Power(mW/cm ²), Accumulated Dose(mJ\cm ²), Max. Power (mW/cm ²) *No data logging
Display	4 inch digit LCD
Control	2 Buttons (Power and Function)
Accuracy	±10% (NIST Traceable)
Detection range	100mW/cm ² (Std.), Max. to 1,000 mW/cm ² (option)
Sensor Cable	100cm Length (39.37")
Operating Temperature	0 ~ 50°C (32 ~ 122°F)
Power Supply	DC 9V Battery (6LR61/6F22), Low Battery Warning
Dimensions	Meter : 139 x 73 x 31 mm (5.47" x 2.87" x 1.22"), 0.1kg (3.6oz) without battery Sensor : Ø35 , H25.5 mm (Ø 1.37" x 1"), 0.02kg (0.7oz)
Warranty	Manufacturer 1 Year Limited

UV Radiometer 7S.1

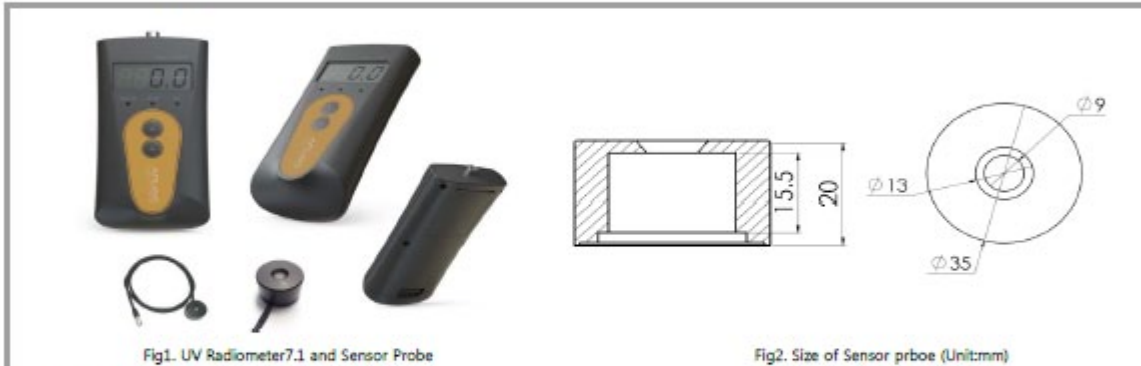
GUVx-T1xS7.1-LA9



Description : Multi portable UV light intensity measurement

<Preliminary Version>

Function & Display : Absolute Power (mW/cm^2), Dose (mJ/cm^2), Max Power (mW/cm^2)



Features and Applications

Features	Applications
<ul style="list-style-type: none"> - 4.0 Digit LCD display - Detachable Sensor probe - Handheld UV intensity meter - Various UV detection [UV-A/B/C/Visible] 	<ul style="list-style-type: none"> - UV Lamp Intensity & Aging - UV Index measurement - UV light transmittance measurements - Easy Check UV source power

UV Radiometer Dimensions

Height(mm)	Width(mm)	Thickness(mm)	Weight(g)	Material
135	70	25	100 (without batt.)	ABS

Sensor probe Dimensions

Size(mm)	Window(mm)	Connection cable(m)	Weight(g)	Material
Ø35 , 20h	Ø9	1	20	AL-60

Absolute Maximum Ratings

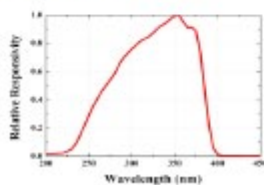
Parameter	Min	Typ	Max	Unit	Remark
Storage Temperature	0		60	°C	
Operating Temperature	0		50	°C	
Operating Humidity	10		85	% RH	
Battery		9		VDC	DC 9V Battery

Function

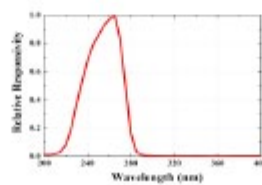
Division	Model Name	Spectral Detection Range	Unit	Absolute Power
Total UV Meter	GUVV-T10S7-LA9	230 ~ 395	nm	0.0 ~ 100.0 mW/cm^2
UVC Meter	GUVV-T10S7-LA9	220 ~ 280	nm	0.0 ~ 100.0 mW/cm^2
UV Index Meter	GUVI-T11S7-LA9	220 ~ 320	nm	0.0 ~ 50.0 UVI

* 10% of Max (NIST Traceable)

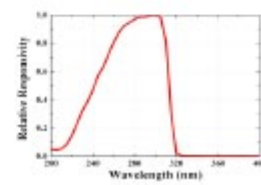
Relative Responsivity



GUVV-T10S7-LA9



GUVV-T10S7-LA9



GUVI-T11S7-LA9