Datalogging 3 in 1 UV Light Meter

Display :

- 3 3/4 digits LCD with backlit maximum reading 3999.

Features :

- 3 in 1 design you can select one of the sensors, UV Power , Solar or Illumination to measure.
- Max / Min/Avg and data hold.
- Auto power off (adjustable from 0 to 99 min with) disable function.
- USB interface, datalogging capacity : 45,000 records
- Real time clock with calendar.
- % displays differential from difference point.
- Low battery indication.
- Real zero function.

Solar Power :

- Solar power research.
- Physics and optical laboratories.
- Dispay in unit of Watts / m^2 or Btu / ft^2h.
- It's great for those who test PV modules or arrays in the field.

UVA :

- Highly reliable direct reading Instrument designed expressly for measuring light intensity at the wafer plane of mask aligners.
- UV curing light sources, and any other UV light source.
- Wavelength : 320~390nm.

Illumination :

- According to JISC1609 : 1993 and CNS 5119 general A class spec.
- Spectral response close to CIE luminous spectral efficiency.
- Silicon photodiode and filter.
- Cosine angular corrected.
- Applications include: warehouses, factories, office buildings, restaurants, schools, library, hospitals, photographic, video, parking garages, museums, art galleries, stadiums, building security.

Specifications :

	UVA measurement	Illumination measurement	Solar measurement
Measuring range	400 μ w/cm^2 4000 μ w/cm^2, 20mW/cm^2	40.00Lux, 400.0Lux, 4000Lux, 4000₀Lux, 4000₀₀Lux, 40.00FC, 400.0FC, 4000FC,4000₀FC	40W/m^2, 400W/m^2, 2000W/m^2, 13 Btu(ft^2·h),127 Btu(ft^2·h), 634Btu(ft^2·h)
Resolution	0.01uW/cm^2, 1uW/cm^2, 0.01mW/cm^2	0.01, 0.1, 1, 10, 100 Lux, 0.01, 0.1, 1, 10 Foot-candel	0.01W/m^2 , 0.1W/m^2 , 1W/m^2 , 0.01Btu(ft^2·h), 0.1Btu(ft^2·h), 1Btu(ft^2·h)
Accuracy	±4% Fs+2dgt	±3% (Calibrated to standard incandescent lamp 2856°K) 6%(other visible light source)	±5%
Wavelength	320~400nm	400~1100nm	400~1100nm
Datalogging capacity	45000 records		
Sampling Time	Approx. 0.25sec		
Data Output	USB interface		
Power Supply	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)*1		
Battery life	approx. 100 hr		
Weight	approx. 250g		
Accessories	Instruction manual.1 PC		
	9V battery(NEDA 1604 IEC 6F 22 JIS 006P)*1		
	UVA sensor probe.1 PC	Illumination sensor probe.1 PC	SOLAR sensor probe. 1 PC
	Carrying case.1 PC		
Dimension	Main instrument : 130x56x38mm.(LxWxH)		
	Sensor probe : 49 DIA. x 28(H) mm	Sensor probe : 80x55x25 mm.	Sensor probe: 80x55x25 mm