

UV LIGHT METER

PART NO. 0132-UV199

**DATA
OUTPUT**

- Self-recognize probes
- Real-time value, maximum value, minimum value, average value, time, energy value are displayed at the same time
- USB interface for data transmission



MAIN UNIT SPECIFICATION

Display	240×160 LCD
Power supply	4×AAA alkaline batteries
Output	USB
Dimension	5.83×2.99×1.02"
Weight	.43lb

STANDARD DELIVERY

Main unit	1pc
Probe (0132-UVA1)	1pc
Software and USB cable	1pc
Battery	4pcs

PROBE SPECIFICATION

Part No.	0132-UVA1 (included)
Application	General purpose low power UVA intensity and energy measurement
Spectral response	$\lambda_p=365\text{nm}$ 315nm-400nm
Power measuring range	0~200000 $\mu\text{W}/\text{cm}^2$
Resolution	0.1 $\mu\text{W}/\text{cm}^2$
Energy measuring range	0-9999999 $\mu\text{J}/\text{cm}^2$
Measuring accuracy	$\pm 10\%$
Record time	0-99999s
Sampling speed	6 times/second
Measuring unit	$\mu\text{W}/\text{cm}^2$ (default), mW/cm^2 , W/m^2
Test hole diameter	.39" DIA
Probe size	1.54×1.26×.59"

Part No.	0132-UVC0 (optional)
Application	Intensity and energy measurement of 254nm UV sterilization mercury lamp
Spectral response	$\lambda_p=254\text{nm}$ 230nm-280nm
Power measuring range	0~200000 $\mu\text{W}/\text{cm}^2$
Resolution	0.1 $\mu\text{W}/\text{cm}^2$
Energy measuring range	0-9999999 $\mu\text{J}/\text{cm}^2$
Measuring accuracy	$\pm 10\%$
Record time	0-99999s
Sampling speed	6 times/second
Measuring unit	$\mu\text{W}/\text{cm}^2$ (default), mW/cm^2 , W/m^2
Test hole diameter	.39"DIA
Probe size	1.54" DIA×.59"

Part No.	0132-UVCWP1 (optional)
Application	Intensity and energy measurement of 254nm UV sterilization mercury lamp
Spectral response	λ_p =254nm 230nm-280nm
Power measuring range	0~200000 μ W/cm ²
Resolution	0.1 μ W/cm ²
Energy measuring range	0-9999999 μ J/cm ²
Measuring accuracy	±10%
Record time	0-99999s
Sampling speed	6 times/second
Measuring unit	μ W/cm ² (default), mW/cm ² , W/m ²
Test hole diameter	.39"DIA
Probe size	1.97" DIA×.79"
Waterproof depth	39.37"

Part No.	0132-UVCLED0 (optional)
Application	Measurement of 260nm-285nm UV LED sterilization lamp
Spectral response *	280nm-315nm
Power measuring range	0~200000 μ W/cm ²
Resolution	0.1 μ W/cm ²
Energy measuring range	0-9999999 μ J/cm ²
Measuring accuracy	±10%
Record time	0-99999s
Sampling speed	6 times/second
Measuring unit	μ W/cm ² (default), mW/cm ² , W/m ²
Test hole diameter	.39"DIA
Probe size	1.54" DIA×.59"

*Wide spectral range, avoid using in strong light

Part No.	0132-UVB0 (optional)
Application	General puapose UVB intensity and energy measurement
Spectral response *	λ_p =310nm 280nm-315nm
Power measuring range	0~200000 μ W/cm ²
Resolution	0.1 μ W/cm ²
Energy measuring range	0-9999999 μ J/cm ²
Measuring accuracy	±10%
Record time	0-99999s
Sampling speed	6 times/second
Measuring unit	μ W/cm ² (default), mW/cm ² , W/m ²
Test hole diameter	.39"DIA
Probe size	1.54" DIA×.59"

*Suitable for measuring UVB light source with wavelength 297nm, 308nm, and 313nm .

Part No.	0132-UVA0 (optional)
Application	Intensity and energy measurement of light source of high pressure mercury lamp in UV curing industry
Spectral response	$\lambda_p=365\text{nm}$ 315nm-400nm
Power measuring range	0~2000mW/cm ²
Resolution	0.1mW/cm ²
Energy measuring range	0-9999999 $\mu\text{J}/\text{cm}^2$
Measuring accuracy	$\pm 10\%$
Record time	0-99999s
Sampling speed	2048 times/second
Measuring unit	mW/cm ² (default), W/m ²
Test hole diameter	.39"DIA
Probe size	1.54×1.26×.59"

Part No.	0132-UVALED0 (optional)
Application	Intensity and energy measurement of area light source of UV LED in UV curing industry
Spectral response	Calibrated with 395nm UV LED 340nm-420nm
Power measuring range	0~20000mW/cm ²
Resolution	1mW/cm ²
Energy measuring range	0-9999999 $\mu\text{J}/\text{cm}^2$
Measuring accuracy	$\pm 10\%$
Record time	0-99999s
Sampling speed	2048 times/second
Measuring unit	mW/cm ² (default), W/cm ² , W/m ²
Test hole diameter	.39"DIA
Probe size	1.54×1.26×.59"

Part No.	0132-UVALED1 (optional)
Application	Intensity and energy measurement of point light source of UV LED in UV curing industry
Spectral response	Calibrated with 395nm UV LED 340nm-420nm
Power measuring range	0~20000mW/cm ²
Resolution	1mW/cm ²
Energy measuring range	0-9999999 $\mu\text{J}/\text{cm}^2$
Measuring accuracy	$\pm 10\%$
Record time	0-99999s
Sampling speed	2048 times/second
Measuring unit	mW/cm ² (default), W/cm ² , W/m ²
Test hole diameter	.04"DIA
Probe size	1.54×1.26×.59"

Part No.	0132-UVALED3 (optional)
Application	General purpose UVA+UVV LED intensity and energy measurement, low power measuring range
Spectral response	Calibrated with 395nm UV LED 340nm-420nm
Power measuring range	0~200000 μ W/cm ²
Resolution	0.1 μ W/cm ²
Energy measuring range	0-9999999 μ J/cm ²
Measuring accuracy	\pm 10%
Record time	0-99999s
Sampling speed	6 times/second
Measuring unit	μ W/cm ² (default), mW/cm ² , W/m ²
Test hole diameter	.39"DIA
Probe size	1.54×1.26×.59"