

UV LIGHT METER CODE 0132-UV199

- Self-recognize probes
- Real-time value, maximum value, minimum value, average value, time, energy value are displayed at the same time



MAIN UNIT SPECIFICATION

Display	240×160 LCD
Power supply	4 AAA alkaline batteries
Dimension	148×76×26mm
Weight	194g

STANDARD DELIVERY

Main unit	1pc
Probe (0132-UVA1)	1pc
Battery	4pcs

PROBE SPECIFICATION

Probe code	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	$\varnothing 10\text{mm}$
Probe size	39×32×15mm

Probe code	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	$\varnothing 10\text{mm}$
Probe size	39×15mm

Probe code	0132-UVCWP1 (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	$\varnothing 10\text{mm}$
Probe size	$\varnothing 50 \times 20\text{mm}$
Waterproof depth	1m

Probe code	0132-UVLED0 (optional)
Application	Measurement of 260nm-285nm UV LED sterilization lamp
Spectral response *	280nm-315nm
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	$\varnothing 10\text{mm}$
Probe size	$\varnothing 39 \times 15\text{mm}$

*Wide spectral range, avoid using in strong light

Probe code	0132-UVB0 (optional)
Application	General puapose UVB intensity and energy measurement
Spectral response *	$\lambda_p=310\text{nm}$ 280nm-315nm
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	$\varnothing 10\text{mm}$
Probe size	$\varnothing 39 \times 15\text{mm}$

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

Probe	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	$\varnothing 10\text{mm}$
Probe size	39×32×15mm

Probe code	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	$\varnothing 10\text{mm}$
Probe size	39×32×15mm

Probe	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	$\varnothing 1\text{mm}$
Probe size	39×32×15mm

Probe code	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	\varnothing 10mm
Probe size	39 \times 32 \times 15mm