

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	1 pc
Probe 0132-UVA1	1 pc
Battery	4 pcs



PROBE SPECIFICATION

Probe code	0132-UVA1 (included)	0132-UVC0 (optional)	0132-UVCWP1 (optional)
Application	general purpose low power UVA intensity and energy measurement	intensity and energy measurement of 254nm UV sterilization mercury lamp	intensity and energy measurement of 254nm UV sterilization mercury lamp
Spectral response	$\lambda_p=365\text{nm}$ 315nm-400nm	$\lambda_p=254\text{nm}$ 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	39×32×15mm	$\varnothing 39 \times 15\text{mm}$	$\varnothing 50 \times 20\text{mm}$
Waterproof depth	—	—	1m

Probe code	0132-UVLED0 (optional)	0132-UVB0 (optional)	0132-UVA0 (optional)
Application	measurement of 260nm-285nm UV LED sterilization lamp	general purpose UVB intensity and energy measurement	intensity and energy measurement of light source of high pressure mercury lamp in UV curing industry
Spectral response	280nm-315nm *	$\lambda_p=310nm$ ** 280nm-315nm	$\lambda_p=365nm$ 315nm-400nm
Power measuring range	0~200000 $\mu W/cm^2$		0~2000mW/cm ²
Resolution	0.1 $\mu W/cm^2$		0.1mW/cm ²
Energy measuring range	0-9999999 $\mu J/cm^2$		
Measuring accuracy	$\pm 10\%$		
Record time	0-99999s		
Sampling speed	6 times/second		2048 times/second
Measuring unit	$\mu W/cm^2$ (default), mW/cm ² , W/m ²		mW/cm ² (default), W/m ²
Test hole diameter	$\varnothing 10mm$		
Probe size	$\varnothing 39 \times 15mm$		39 \times 32 \times 15mm

*Wide spectral range, avoid using in strong light

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

Probe code	0132-UVALED0 (optional)	0132-UVALED1 (optional)	0132-UVALED3 (optional)
Application	intensity and energy measurement of area light source of UV LED in UV curing industry	intensity and energy measurement of point light source of UV LED in UV curing industry	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	0~20000mW/cm ²		0~200000 $\mu W/cm^2$
Resolution	1mW/cm ²		0.1 $\mu W/cm^2$
Energy measuring range	0-9999999 $\mu J/cm^2$		
Measuring accuracy	$\pm 10\%$		
Record time	0-99999s		
Sampling speed	2048 times/second		6 times/second
Measuring unit	mW/cm ² (default), W/cm ² , W/m ²		$\mu W/cm^2$ (default), mW/cm ² , W/m ²
Test hole diameter	$\varnothing 10mm$	$\varnothing 1mm$	$\varnothing 10mm$
Probe size	39 \times 32 \times 15mm		