

# LIGHT METER (ECONOMIC TYPE) CODE 0131-A120



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- Photosensor can rotate 90° clockwise and 180° counterclockwise
- Build-in calibration filters ensure the accuracy when working in different colors
- Data hold function
- Lux/FC unit switch
- Low battery alarm

### SPECIFICATION

Measuring range	0.1~199.9Lux	1~1999Lux	10~19990Lux	100~199900Lux
Resolution	0.1Lux	1Lux	10Lux	100Lux
Measuring range	0.01~19.99FC	0.1~199.9FC	1~1999FC	10~19990FC
Resolution	0.01FC	0.1FC	1FC	10FC
Accuracy	$\pm(4\%+10d)$ , range<20000Lux/2000FC $\pm(5\%+10d)$ , range $\geq$ 20000Lux/2000FC (d is resolution, calibrated with standard incandescent lamp at color temperature 2856K)			
Repeatability	$\pm 2\%$			
Sampling time	0.5s			
Operation environment	0~40°C, 0~70%RH			
Storage environment	-10~50°C, 0~80%RH			
Power supply	9V battery			
Dimension	185×68×38mm			
Weight	130g			

### STANDARD DELIVERY

Main unit	1 pc
Battery	1 pc

### OPTIONAL ACCESSORY

Tripod	0701-TR175
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## LIGHT METER (ECONOMIC TYPE) CODE 0130-L110

- Suitable for measuring illuminance in various occasions
- Data hold function
- Fast switching of measuring range, easy to operate

### SPECIFICATION

Measuring range	1~1999Lux	10~19990Lux	100~100000Lux
Resolution	1Lux	10Lux	100Lux
Accuracy	±(4%+10d), range<10000Lux ±(5%+10d), range≥10000Lux (d is resolution, calibrated with standard incandescent lamp at color temperature 2856K)		
Repeatability	±2%		
Sampling time	0.5s		
Operation environment	0~40°C, 0~70%RH		
Storage environment	-10~50°C, 0~80%RH		
Power supply	9V battery		
Photodetector dimension	105×58×28mm		
Main unit dimension	130×72×30mm		
Weight	170g		



### STANDARD DELIVERY

Main unit	1 pc
Battery	1 pc



## 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



probe  
0132-UVA1  
(included)

### 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	±10%		
Record time	0-9999s		
Sampling speed	6 times/second		
Measuring unit	$\mu\text{W}/\text{cm}^2$ (default), $\text{mW}/\text{cm}^2$ , $\text{W}/\text{m}^2$		
Test hole diameter	Ø10mm		
Probe size	39×32×15mm	Ø39×15mm	Ø50×20mm
Waterproof depth	—	—	1m

To be continued

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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 <sup>2</sup>
Resolution	0.1 $\mu W/cm^2$		0.1mW/cm <sup>2</sup>
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 <sup>2</sup> , W/m <sup>2</sup>		mW/cm <sup>2</sup> (default), W/m <sup>2</sup>
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 <sup>2</sup>		0~200000 $\mu W/cm^2$
Resolution	1mW/cm <sup>2</sup>		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 <sup>2</sup> (default), W/cm <sup>2</sup> , W/m <sup>2</sup>		$\mu W/cm^2$ (default), mW/cm <sup>2</sup> , W/m <sup>2</sup>
Test hole diameter	$\varnothing 10mm$	$\varnothing 1mm$	$\varnothing 10mm$
Probe size	39 $\times$ 32 $\times$ 15mm		

#### MAIN UNIT SPECIFICATION

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

#### STANDARD DELIVERY

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