

DESCRIPTION:

YW-552 is an instrument specialized for measuring illumination and can be used in factories, lighting industry, planting, schools, offices, laboratories and street lamp construction.

The YW-552 is equipped with high-sensitivity photosensitive probes that can be measured even in microlight environments. Its large range of 0~200000Lux meet the user measurement requirements in different environments.

The YW-552 has two available measurement modes. Where, in the maximum or minimum value measurement mode, the maximum or minimum value displayed by the instrument will change according to the real-time measurement results, and the user can obtain the current measured maximum or minimum illumination value at any time.

YW-552 has the ability to record and view data, recording up to 60 data. Meanwhile, the instrument can also automatically calculate the average value. After the user records the data, the average of the data is obtained just through the average viewing interface.

The YW-552 has a split-type design. The distance between the probe and the subject object is flexible and adjustable when measurement. In addition, YW-552 has the function to measuring ambient temperature.

FEATURES:

- Double display of illumination and ambient temperature
- Automatic range
- Maximum/Minimum measurement mode
- Average view
- Record and view the data
- Button beep prompt
- Value locking
- USB power supply
- Screen-band backlight
- Automatic shutdown
- Battery protection

APPLICATION:

- Factory
- Lighting industry
- Planting industry
- School
- Office
- Laboratory
- Street lamp construction



YW-552 Split Illuminance Meter

NOTES:

- Operate the instrument correctly, and use it as defined in the technical parameter table.
- Please treat the waste in accordance with the relevant national environmental protection regulations.
- Avoid sun exposure.
- Avoid contact with corrosive chemicals.
- Avoid the photosensitive probe hitting the instrument.
- The photosensitive probe shall be kept clean so as not to affect the measurement results.

WARNING:

- No disassembly without permission!
- Strictly prevent strong electricity, electrostatic shock!

SPECIFICATION:

Model	YW-552	
Measurement parameters	Illuminance	Environment temperature
Measurement range	0~200000Lux 0~20000Fc	-10~50℃ 14~140°F
Accuracy	±3%rdg±10dgts(≤10000Lux) ±4%rdg±10dgts(Other range)	±1.0℃
Resolution	0.1Lux	0.1℃
Sampling rate	2 times/second	
Repeplicate test	±2%	
Unit	Lux, Fc	℃, °F
Operating environment	Temperature: -10~50℃ Humidity: 10~90%RH	
Storage environment	Temperature: -10~55℃ Humidity: 10~95%RH	
Power supply	2 pcs of 1.5V AA dry cell batteries 2 pcs of 1.2V AA rechargeable batteries 5V USB	
Dimensions	Host: 153*65*30mm Photosensitive probe: 58*58*30mm	
Protection level	IP41	
Material	ABS	
Weight	About 194g(No battery)	