

**Test Measure & Inspect**  
Light Meter



Made in China



材质: 105g铜版纸

印刷: 单黑双面印刷

尺寸: 60 X 90mm

**Light Meter instruction**

**1. Overview**

Multifunctional Light Meter has very friendly user interface, which can simply be operated. It is more visual to display effect. It can detect visible light such as fluorescent lamps, metal halide lamps, high voltage sodium lamp, incandescent lamps, etc. Applied for architecture, photography work, houseplants, home DIY, offices and places where you want to use it to get optimum light. This instruction manual contains safety information and warning tips. Please read the contents carefully and strictly observe all warnings and precautions.

**Attention:**  
Before using the product, please read the "safety operation guidelines" carefully!

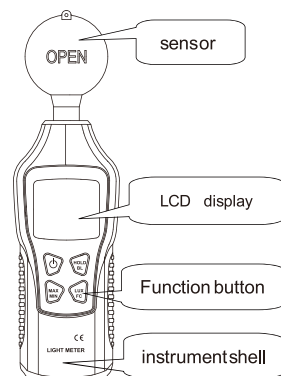
**2. safety operation guidelines**

- The instrument and accessories should be checked before using them to avoid any damage or abnormal phenomenon. If you find that the instrument shell is obviously damaged or it can not be displayed, please do not use it.
- Please follow the instructions when performing tests.
- Do not open the instrument as well as change the

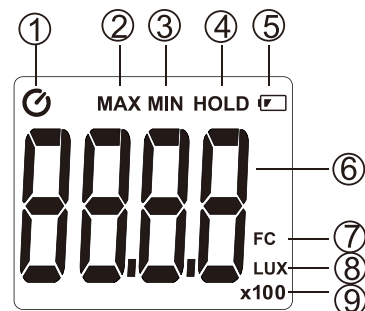
internal wiring to avoid damaging the instrument.

- When the display shows "☐" symbol, the battery should be replaced with the same specifications ( the battery should be removed when long-term no use ).
- Do not store or use in high temperature, high humidity, flammable, explosive and strong electromagnetic environments.

**3. physical form**



**4. LCD display instruction**



1	Auto Power Off prompt	6	Test value indication
2	Maximum test	7	FC unit
3	Minimum test	8	Lux unit
4	data hold function	9	X10/X100 unit
5	Undervoltage indication		

**5. Button function and setting**

1.ON/OFF "☐" Power on / off  
Power on or off: trigger the button to boot, trigger again to shutdown. The default auto power off time

is 10 minutes. Cancel the automatic shutdown setting: Press "HOLD" + "☐" before starting. If the screen prompts "COU" symbol, it means set ting up successfully.

2. Lux/FC Lux / FOOTCANDLE  
The default is lux unit, trigger switch unit.

3. MAX/MIN Maximum / minimum  
This button can switch the maximum, minimum, and normal values. When the maximum or minimum value is selected, the screen will always display the maximum or minimum readings.

4. HOLD ☐: Data holding / Lighting  
Time of pushing the button ≤ 1 second, mean that data hold state is turned on or off ;  
Time of pushing the button > 2 seconds is to turn on or off backlight and lighting; When it is opened after 60 seconds, backlight and lighting will automatically turn off.

**6. technical target**

- Max and min measurement function
- Data hold function

- Measurement Speed: ≥2 Times / sec
- Unit conversion function: Fc/Lux
- The spectrum measured range: 320 ~ 730nm
- Operating environment: Indoor
- Measured range: 200、2000、20000、200000 Lux; 20、200、2000、20000 FC
- Sensor: Silicon photodiode
- Undervoltage indication: The battery is below 6.2V
- Auto Power Off (This instrument automatically shuts off for 10 minutes without key operation .)
- Power: 9V 6F22
- Accuracy: ±4% reading (At 2854K, follow ordinary incandescent lamp calibrating) ±6% reading (Other visible light sources)

**7. General specifications**

- Dimensions:192 mm×53.8mm×35mm
- weight: about 170g( battery included)
- Accessories: User's Manual, Battery

**8. Environmental restrictions**

- Altitude: 2000m
- Pollution level: 2 level
- Working temperature and humidity: 0 ~ 40 C / 32 ~ 104 F ; 45%-80%RH

- Storage temperature and humidity: -20 ~ 60 C / -4 ~ 140 F ; 45%-80%RH

**9. Gentle hint**

1. The light sensor designs by simulating the human eye of the sensitivity curve, the spectral range of 320~730nm. If it measures light in the infrared area, the range of data error will be larger. It is calibrated by incandescent lamps are; for other types of light, the readings may vary.

2. The light sensor is at 2854K color temperature.

3.The light source test reference level is at the top of the receiving sphere.

4. Measure the photo detector before exposure for 2 minutes.

5.The affection of testers and other factors about photo-detector should be avoiding.

**10. Battery installation and replacement**

1. The instrument power is the 9V (6F22) battery. Please refer to the diagram to install or replace the battery.

- Push the product panel down and push the battery door in the direction of the arrow. Remove the battery door and take down the battery. Install the same type of battery in accordance with the direction of the battery buckle. After the installation is complete, cover the battery cover.

