

User Manual v1.0.7

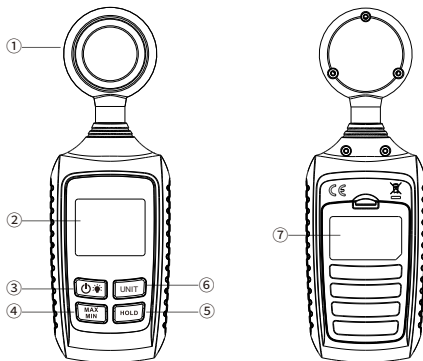
Mini Illuminance Meter

1. Introduction

This instrument is a special instrument for measuring illuminance, which can be used in factories, lighting industry, schools, offices, laboratories and street lamp construction and so on.

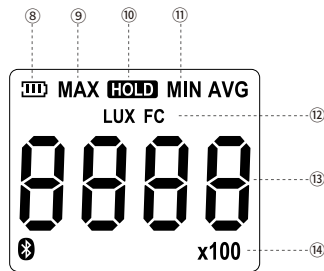
2. Product Diagram

Appearance



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LCD



- ① Photosensitive probe
- ② LCD
- ③ key
- ④ MAX MIN key
- ⑤ HOLD key
- ⑥ UNIT key
- ⑦ Battery compartment
- ⑧ Battery level prompt
- ⑨ Maximum measurement mode
- ⑩ Value lock prompt
- ⑪ Minimum measurement mode
- ⑫ Illuminance unit
- ⑬ Numerical display area
- ⑭ Multiple (x10, x100)

3. Battery Installation Instructions

- (1) Insert the batteries according to the positive and negative indications inside the battery compartment; after that, please close the battery cover.
- (2) When not using the instrument for a long time, be sure to remove the battery and place it properly.

4. Switch On and Off

Press "" Instrument on; long press "" key, Instrument off.

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5. Measure

- (1) When the instrument is turned on, it enters the measurement state.
- (2) The final illuminance value is equal to the displayed value multiplied by the multiple. If the displayed value and multiple are respectively "100Lux" and "x10", the illuminance value is equal to 1000Lux; if the multiple is not displayed, the illuminance value is equal to 100Lux.

6. Function Description

6.1 Unit

Press "UNIT" key, switch the illuminance unit Lux and Fc.

6.2 Backlight

Short press "☼" key, the instrument turns on or off the screen backlight.

6.3 Value Lock

Short press "HOLD" key, the instrument turns on or off the value lock function, and the reading lock does not change after it is turned on.

6.4 Automatic Shut-down

Long press "HOLD" key, the instrument turns on (apo on) or turns off (apo off) the automatic shutdown function. After turning on, the instrument shuts down without any key operation for about 5 minutes.

6.5 Maximum/Minimum Measurement Mode

Short press "MAX MIN" key, can switch the maximum or minimum measurement mode. In this mode, the maximum or minimum displayed by the instrument will change according to the real-time measurement results.

6.6 Button Beep

Long press "MAX MIN" key, the button buzzer can be turned on (beep on) or turned off (beep off). After it is turned on, as long as a valid key operation is performed, the instrument will beep.

7. Technical Parameters

Measuring range	0~200000Lux; 0~20000Fc
Accuracy	$\pm 3\%rdg \pm 10dgt$ s ($\leq 10000Lux$) $\pm 4\%rdg \pm 10dgt$ s (Other range)
Resolution	1 Lux
Sampling rate	2 times/se
Repeatability test	$\pm 2\%$
Unit	Lux, Fc
Operating environment	Temperature: -10~50°C; Humidity: 10~90%RH
Storage environment	Temperature: -10~55°C; Humidity: 10~95%RH
Power supply	3 AAA 1.5V dry cell batteries 3 AAA 1.2V rechargeable batteries
Dimensions	163*55*28mm
Shell material	ABS
Weight	About 90g (Without battery)